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15 & 16 VICTORIÆ, Cap. 83. Sec. XXXII.



CHRONOLOGICAL INDEX
OF
PATENTS APPLIED FOR AND PATENTS
GRANTED,
For the Year 1861.

Printed and Published by Order of the Commissioners of Patents,

UNDER THE

ACT of 15 & 16 VICTORIÆ, Cap. 83. Sec. XXXII.

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BY BENNET WOODCROFT,

SUPERINTENDENT OF SPECIFICATIONS, INDEXES, &c.  
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LONDON:

PRINTED BY GEORGE EDWARD EYRE AND WILLIAM SPOTTISWOODE,
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1862.

CHRONOLOGICAL INDEX

OF

PATENTS APPLIED FOR AND PATENTS GRANTED.

TOMLINSON. 1st January 1861.	1. EDWARD TOMLINSON, of the City of Manchester, in the County of Lancaster, Engineer and Manufacturer of cop tubes by patent machinery, for an invention for—"An improved apparatus for facilitating the placing of cop tubes on the spindles of spinning and doubling machines." <i>Letters Patent sealed.</i>
COOK. 1st January 1861.	2. GEORGE COOK, of Croydon, in the County of Surrey, Watch Maker, for an invention for—"An improved watch movement." <i>Provisional protection only.</i>
HENRY. 1st January 1861.	3. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in breaks applicable to carriages and rolling stock used on railways and elsewhere."—<i>A communication to him from abroad by Philippe Louis Aimé Stilmant and Louis Anne Felix Allain, of 33 Boulevard Saint Martin, Paris.</i> <i>Letters Patent sealed.</i>
HENRY. 1st January 1861.	4. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improved slide valve."—<i>A communication to him from abroad by Jean Baptiste Edouard Plainemaison, Engineer, of 33 Boulevard Saint Martin, Paris.</i> <i>Letters Patent sealed.</i>
CAMPBELL. KENDAL. 1st January 1861.	5. PETER CAMPBELL, of India Terrace, West India Road, and THOMAS ALFRED KENDAL, of Cowley Street, Saint George's in the East, both in the County of Middlesex, for an invention for—"Improvements in sails and apparatus used therewith." <i>Letters Patent sealed.</i>
COOKE. 2nd January 1861.	6. WILLIAM COOKE, of Charing Cross, Civil Engineer, for an invention for—"Improvements in apparatus for ventilating." <i>Letters Patent sealed.</i>
JOHNSON. 2nd January 1861.	7. DANIEL ALLEY JOHNSON, of Chelsea, County of Suffolk, State of Massachusetts, United States of America, Doctor of Medicine, for an invention for—"An improved method of constructing wooden wheels."—<i>The result partly of a communication made to him by F. M. Gibson, of the Town of Chelsea above mentioned, and partly of invention and discovery made by himself.</i> <i>Letters Patent sealed.</i>
BELFIELD. 2nd January 1861.	8. JOHN FINNEY BELFIELD, of Primley Hill, Paignton, in the County of Devon, Gentleman, for an invention for—"Improvements in reaping and mowing machines." <i>Letters Patent sealed.</i>
MORGAN. 2nd January 1861.	9. WALTER MORGAN, of Liverpool, in the County of Lancaster, Brush Manufacturer, for an invention for—"The application of certain metals for the manufacture of 'coaling,' 'swill' and similar baskets." <i>Letters Patent sealed.</i>
TAYLOR. COOPER. 2nd January 1861.	10. JOHN TAYLOR, and MESHACH BRITTAN COOPER, of Liverpool, in the County of Lancaster, Engineers, for an invention for—"Improvements in the construction of rotary engines." <i>Letters Patent sealed.</i>
WEST. 2nd January 1861.	11. ELIZABETH BURTON WEST, of 24, Longford Terrace, in the County of Dublin, for an invention for—"Improvements in the processes of making worts and washes in brewing and distilling, and in combination and adaptation of apparatus connected with the same, and for novel apparatus connected with the same."—<i>A communication to her from abroad from Edward Felix Andrews, Gentleman, Versailles, France.</i> <i>Provisional protection only.</i>

MOORE. 3rd January 1861.	12. PONSONBY, ARTHUR MOORE, of Penge, in the County of Surrey, Gentleman, for an invention for—"Improved feet for leveling clocks and other articles." <i>Provisional protection only.</i>
STEVENS. 3rd January 1861.	13. CHARLES STEVENS, Manager of the British and Foreign Office for Patents, 1 B, Welbeck Street, Cavendish Square, in the County of Middlesex, for an invention for—"An improved apparatus for stopping run-away horses."— <i>A communication to him from abroad by Louis Marquee, of 42, Rue Laffitte, Paris, in the Empire of France.</i> <i>Provisional protection only.</i>
FULLER. JAQUES. FANSHAWE. 3rd January 1861.	14. WILLIAM COLES FULLER, of No. 2, Bucklersbury, in the City of London, and JAMES ARCHIBALD JAQUES, of Tottenham, in the County of Middlesex, and JOHN AMERICUS FANSHAWE, of the same place, for an invention for—"Improvements in the adaptation of india-rubber and analogous gums and compounds thereof to valves, pump buckets, packing and other parts of steam, water, air and gas engines and apparatus." <i>Letters Patent sealed.</i>
HEYWOOD. 3rd January 1861.	15. WILLIAM HEYWOOD, of the Ellesmere Street Works, in the City of Manchester, Machinist, for an invention for—"Improvements in machinery for grinding rollers and cylinders covered with card teeth."— <i>Provisional protection only.</i>
DOFFEKNIES. 3rd January 1861.	16. HENRY DOFFEKNIES, of Brussels, in the Kingdom of Belgium, for an invention for—"Improvements in the process of obtaining pulp for the manufacture of paper from indian corn and other similar plants." <i>Provisional protection only.</i>
NEWTON. 3rd January 1861.	17. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improvements in the construction of air or gas engines."— <i>A communication to him from abroad by John Cleves Symmes, of the United States of America, but now of Berlin, in the Kingdom of Prussia.</i> <i>Letters Patent sealed.</i>
PERKES. 3rd January 1861.	18. SAMUEL PERKES, of Clapham, in the County of Surrey, Civil Engineer, for an invention for—"Improvements in presses and modes of pressing applicable to cotton, hemp, wool, coir, hides, hay, fibres, peat, linen thread, piece goods, extracting oil, and other useful purposes."— <i>Letters Patent sealed and Specification filed by order.</i>
LOWRY. 4th January 1861.	19. GEORGE LOWRY, of Salford, in the County of Lancaster, Machinist, for an invention for—"Improvements in machinery for heckling flax and other fibrous materials." <i>Letters Patent sealed.</i>
COBLEY. 4th January 1861.	20. THOMAS COBLEY, of Meerholz, in the Electorate of Hesse, Germany, Metallurgist, for an invention for—"Improvements in the mode of obtaining or manufacturing commercial salts of lead directly from the ores of lead." <i>Letters Patent sealed and Specification filed by order.</i>
WRIGHT. 4th January 1861.	21. JAMES WRIGHT, of 42, Bridge Street, Blackfriars, in the City of London, Civil Engineer, for an invention for—"Improvements in machines for forming the heels of boots and shoes."— <i>A communication to him from abroad by E. T. Green, of Stoneham, State of Massachusetts, America.</i> <i>Provisional protection only.</i>
PIMONT. 4th January 1861.	22. PROSPER PIMONT, Manufacturer, 55, Imperial Street, at Rouen (France), for an invention for—"Improvements in apparatus for drying fabrics and other articles." <i>Letters Patent sealed.</i>
HORE. 4th January 1861.	23. WILLIAM HENRY HORE, of Liverpool, in the County of Lancaster, Book-keeper, for an invention for—"Improvements in machinery or apparatus for measuring and registering the lengths of woollen, flax, cotton and other fabrics, applicable to registering lengths, distances, and revolutions generally." <i>Provisional protection only.</i>
COCKER. 4th January 1861.	24. JAMES COCKER, of Liverpool, in the County of Lancaster, Merchant, for an invention for—"Improved apparatus for indicating the number of persons, vehicles or articles passing or being made to pass any place or part of a machine, especially applicable to omnibusses." <i>Provisional protection only.</i>
FAIRBAIRN. 4th January 1861.	25. ANDREW FAIRBAIRN, of Leeds, in the County of York, Esquire, for an invention for—"An improved construction of forging press or hammer."— <i>A communication to him from abroad by John Haswell, of Vienna.</i> <i>Letters Patent sealed.</i>
DOUGLAS. 4th January 1861.	26. JAMES RICHARD ALEXANDER DOUGLAS, of Hounslow, in the County of Middlesex, Surgeon, for an invention for—"An improved mode of roughing the shoes of horses and other animals to prevent them from slipping in frosty weather." <i>Provisional protection only.</i>

VIAL. 5th January 1861.	27. LOUIS CHARLES EMILE VIAL, of Paris, France, Chemist, for an invention for—"Improvements in the manufacture of colouring matters and pigments from coal-oil, raw naphthaline, and from the waste lime from gas works." <i>Provisional protection only.</i>
COURTAIS. JAMMET. 5th January 1861.	28. PIERRE COURTAIS and FORTUNÉ JAMMET, both of Port-Vendres, Pyrénées Orientales, Empire of France, for an invention for—"Improvements in the manufacture of paper and pasteboard." <i>Complete specification; Letters Patent sealed.</i>
WATSON. HALLE. 5th January 1861.	29. JOHN WATSON, of Glasgow, in the County of Lanark, North Britain, Manufacturer, and CHARLES FREDERICK HALLE, of Manchester, in the County of Lancaster, Merchant, for an invention for—"Improvements in spinning or twisting fibrous materials." <i>Letters Patent sealed.</i>
GILBEE. 5th January 1861.	30. HENRY GILBEE, of No. 4, South Street, Finsbury, in the County of Middlesex, for an invention for—"Improvements in sewing-machines."— <i>A communication to him from abroad by Jacques Marie Clement de Bras and Gabriel Léonard Bongard, of 19, Boulevard Bonnewouvelle, Paris.</i> <i>Letters Patent sealed.</i>
GEDGE. 5th January 1861.	31. WILLIAM EDWARD GEDGE, of the firm of John Gedge and Son, of No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in obtaining motive-power."— <i>A communication to him from abroad by Monsieur Main-Guillon, of Fontenay-Le-Comte, Vendée, in the Empire of France.</i> <i>Provisional protection only.</i>
SLOPER. 5th January 1861.	32. BEVAN GEORGE SLOPER, of Hackney, in the County of Middlesex, Civil Engineer, for an invention for—"An improved method of and machinery for amalgamating and for effecting the separation of gold from earthy and other matters containing the same." <i>Provisional protection only.</i>
SUGDEN. MIDGLEY. CLAPHAM. 5th January 1861.	33. JOHN SUGDEN, Roller Coverer, JOHN MIDGLEY, Music Master, and WILLIAM CLAPHAM, Ironfounder, all of Keighley, in the County of York, for an invention for—"Improvements in the construction of covered rollers used in machinery for preparing and spinning fibrous materials." <i>Letters Patent sealed.</i>
OWEN. 5th January 1861.	34. LEMUEL DOW OWEN, of 481, New Oxford Street, in the County of Middlesex, for an invention for—"Improvements in bustles or skirt supporters."— <i>A communication to him from abroad by W. S. & C. H. Thomson, of New York, in the United States of America.</i> <i>Letters Patent sealed.</i>
CONLONG. 5th January 1861.	35. JAMES CONLONG, of Belfast, Ireland, Carding Master, for an invention for—"Improvements in machines or engines employed for carding cotton, silk, flax, wool and other fibrous substances." <i>Provisional protection only.</i>
WILLIAMS. 5th January 1861.	36. WILLIAM MATTIEU WILLIAMS, of Handsworth, in the County of Stafford, Teacher, for an invention for—"An improvement or improvements in treating coal and other bituminous minerals and peat for the purpose of obtaining solid and liquid hydro-carbons therefrom." <i>Letters Patent sealed.</i>
GRYLLS. 5th January 1861.	37. JOHN ISAIAH GRYLLS, of Murton Street, Sunderland, for an invention for—"Improvements in anchors." <i>Provisional protection only.</i>
ROBERTS. 5th January 1861.	38. JOHN ROBERTS, of Upnor, in the County of Kent, Terra Cotta Manufacturer, for an invention for—"An improved warming hassock or footstool." <i>Provisional protection only.</i>
HAMILTON. 5th January 1861.	39. JOHN HAMILTON, of Glasgow, Engineer, for an invention for—"Improvements in governors for regulating the speed of steam and other engines." <i>Provisional protection only.</i>
LUCK. 5th January 1861.	40. WILLIAM LUCK, of Mabledon Place, Burton Crescent, in the County of Middlesex, Cabinet Maker, for an invention for—"An improved table or article of furniture." <i>Letters Patent sealed.</i>
TAYLOR. 7th January 1861.	41. WILLIAM TAYLOR, of Nursling, near Southampton, in the County of Hants, Gentleman, for an invention for—"A portable horticultural and arboretical fruit, flower and plant protector." <i>Letters Patent sealed.</i>
MEASE. 7th January 1861.	42. GEORGE DRYDEN MEASE, of the Lake Chemical Works, East Jarrow, South Shields, for an invention for—"Improvements in the manufacture of sulphuric acid, and also in separating copper and silver from their ores."— <i>Provisional protection only.</i>

BAGLEY. MINCHER. 7th January 1861.	43. WILLIAM BAGLEY, and WILLIAM MINCHER, both of Birmingham, in the County of Warwick, Electro-Metallurgists, for an invention for—"Certain improvements in coating metals and alloys of metals." <i>Provisional protection only.</i>
BAGLEY. MINCHER. 7th January 1861.	44. WILLIAM BAGLEY, and WILLIAM MINCHER, both of Birmingham, in the County of Warwick, Electro-Metallurgists, for an invention for—"Certain improvements in coating metals and alloys of metals." <i>Provisional protection only.</i>
CLARK. 8th January 1861.	45. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in filters."— <i>A communication to him from abroad by Mr. Jules Pacôme Alfred Havard, of 29, Boulevard St. Martin, Paris, in the Empire of France, Mechanician.</i> <i>Provisional protection only.</i>
RATTRAY. 8th January 1861.	46. WILLIAM RATTRAY, of Saint Clement's Chemical Works, Aberdeen, Manufacturing Chemist, for an invention for—"Improvements in preserving organic substances." <i>Letters Patent sealed.</i>
HIRSCH. 8th January 1861.	47. HERMANN HIRSCH, of Berlin, in the Kingdom of Prussia, and of Bridge Road, Lambeth, in the County of Surrey, Civil Engineer, for an invention for—"Improvements in insulating the conducting wires used for telegraphic purposes." <i>Provisional protection only.</i>
CHASSANG. 8th January 1861.	48. PIERRE EMILE CHASSANG, of No. 9, Rue du Conservatoire, Paris, in the Empire of France, Banker, for an invention for—"An improved buckle."— <i>A communication from Simon Ghidiglia, a person resident at No. 4, Rue des Fontaines, Paris, aforesaid.</i> <i>Letters Patent sealed.</i>
HALLETT. STENHOUSE. 8th January 1861.	49. GEORGE HALLETT, of 52, Broadwall, Lambeth, in the County of Surrey, Antimony Refiner, and JOHN STENHOUSE, of 17, Rodney Street, Pentonville, L.L.D., for an invention for—"Improvements in the manufacture of pigments for coating surfaces." <i>Letters Patent sealed.</i>
WELCH. 8th January 1861.	50. JOSEPH JAMES WELCH, of the firm of Messrs. Welch, Margetson, and Company, of Cheapside, in the City of London, for an invention for—"Improvements in scarfs and cravats." <i>Letters Patent sealed.</i>
LORD. WHITAKER. 9th January 1861.	51. EDWARD LORD, of Todmorden, in the County of York, Machine Maker, and ROBERT WHITAKER, of the same place, Mechanic, for an invention for—"Certain improvements in machinery for preparing, spinning and doubling cotton and other fibrous substances." <i>Provisional protection only.</i>
ADAMSON. 9th January 1861.	52. DANIEL ADAMSON, of Newton Moor, in the County of Chester, Engineer, for an invention for—"Improvements in steam-engines." <i>Letters Patent sealed.</i>
TAYLOR. 9th January 1861.	53. WILLIAM TAYLOR, of Nursling, near Southampton, in the County of Hants, Gentleman, for an invention for—"A combined heating and ventilating pipe to be made elliptically or otherwise." <i>Letters Patent sealed.</i>
FITTON. FULLERTON. 9th January 1861.	54. JAMES FITTON, of Cavendish, and F. E. FULLERTON, of Chester, both in the County of Windsor, in the State of Vermont, one of the United States of America, for an invention for—"Separating foreign matters from the droppings from carding-machines and for returning the residue thereunto." <i>Provisional protection NOT granted.</i>
BOULTON. BOULTON. 9th January 1861.	55. JOSEPH BOULTON, & JOHN CHAPMAN BOULTON, of the Parish of Shore-ditch, in the County of Middlesex, Engineers, for an invention for—"The feeding of a machine for folding of envelopes and likewise for laying down the lappets previous to the second descent of the plunger." <i>Provisional protection NOT granted.</i>
SHEPARD. 9th January 1861.	56. EDWARD CLARENCE SHEPARD, of Victoria Street, Westminster, for an invention for—"An improved apparatus for carburating gas for gas lighting." <i>Letters Patent sealed.</i>
DAWSON. 9th January 1861.	57. CHARLES SORBY DAWSON, of Thames Ditton, in the County of Surrey, Engineer, for an invention for—"Improvements in rotary engines applicable to be worked by water, steam or other fluids, also to be used as a means of raising and forcing fluids."— <i>A communication to him from abroad by William Kennish, resident at the City of New York, in the State of New York, in the United States of America.</i> <i>Letters Patent sealed.</i>

LEROEY. 9th January 1861.	58. CLAUDE NICOLAS LEROY, of Paris (Passy), in the Empire of France, a Mechanician, for an invention for—"An improved grease for lubricating the frictional surfaces of machinery." <i>Letters Patent sealed.</i>
GEDGE. 9th January 1861.	59. WILLIAM EDWARD GEDGE, of the firm of John Gedge and Son, of No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"An improved buckle."— <i>A communication to him from abroad by Jean Tissinier, of Toulouse (Haute Garonne), France.</i> <i>Letters Patent sealed.</i>
MUNN. 10th January 1861.	60. JOSEPH ALVIN MUNN, of New York, U.S. of America, and now residing at No. 13, East Street, Red Lion Square, W.C., London, for an invention for—"A spring window supporter."— <i>A communication to him from abroad by John Rogers, of Deep River, State of Connecticut, U.S. of America.</i> <i>Provisional protection NOT granted.</i>
HALLIDAY. 10th January 1861.	61. MICHAEL FREDERICK HALLIDAY, of 4, Langham Chambers, Langham Place, in the City of Westminster, in the County of Middlesex, Esquire, for an invention for—"An improved trigger for gun locks." <i>Provisional protection only.</i>
MOULTON. 10th January 1861.	62. STEPHEN MOULTON, of Bradford, in the County of Wilts, India-Rubber Manufacturer, for an invention for—"Improvements in the manufacture of india-rubber applicable to springs, valves for machinery and other purposes." <i>Letters Patent sealed.</i>
BROOMAN. 10th January 1861.	63. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Treating lava and other volcanic substances in order to fit them for employment in certain arts and manufactures."— <i>A communication to him from abroad by Pierre Antoine Collard, of Bas, France.</i> <i>Provisional protection only.</i>
NEWSOME, 10th January 1861.	64. CHARLES NEWSOME, of the City of Coventry, Ribbon Manufacturer, for an invention for—"Improvements in looms for weaving ribbons and other fabrics." <i>Letters Patent sealed.</i>
JOHNSON. 10th January 1861.	65. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in tanning hides and skins."— <i>A communication to him from abroad by Samuel Dunseith, of the City of Philadelphia, in the State of Pennsylvania, United States of America.</i> <i>Provisional Protection only.</i>
CONRY. 10th January 1861.	66. JAMES CONRY, of the City of Manchester, in the County of Lancaster, Umbrella Manufacturer, for an invention for—"Improved apparatus for communicating between the passengers and guard and guard and engine driver on railways." <i>Letters Patent sealed.</i>
WILLIAMS. 10th January 1861.	67. CHARLES HANSON GREVILLE WILLIAMS, of 39, Regent Square, Gray's Inn Road, in the County of Middlesex, for an invention for—"Improvements in the manufacture of dyes and coloring matters." <i>Provisional protection only.</i>
LONGMAID. 10th January 1861.	68. WILLIAM LONGMAID, of Inver, Galway, Ireland, for an invention for—"Improvements in hardening the surfaces of the rails of railways and the surfaces of the tyres of railway wheels, and in charring the surfaces of timber to be used for railway sleepers and other purposes." <i>Letters Patent sealed.</i>
HAWSE. 10th January 1861.	69. BENJAMIN BROWN HAWSE, of the State of Vermont, of the United States of America, for an invention for—"A new and useful or improved machine either for supporting clothes or other articles to be dried or for other useful purposes." <i>Complete specification; Letters Patent sealed.</i>
SENIOR. 11th January 1861.	70. CHARLES SENIOR, of Huddersfield, in the County of York, Waste Dealer, for an invention for—"Improvements in machinery or apparatus for tentering or stretching and drying woollen or other textile fabrics, also for drying warps, yarns or fibrous substances." <i>Letters Patent sealed.</i>
CORSAN. 11th January 1861.	71. WILLIAM CARSON CORSAN, of Sheffield, in the County of York, Merchant, for an invention for—"Improvements in stoves, grates or fire-places." <i>Provisional protection only.</i>
HOOPER. GERRANS. 11th January 1861.	72. HENRY THOMAS HOOPER, of Killiow Kea, Truro, in the County of Cornwall, and WILLIAM GERRANS, of Tregony, in the aforesaid County, for an invention for—"An improved machine for distributing manure on lands." <i>Letters Patent sealed.</i>

BROMWICH. 11th January 1861.	73. THOMAS BROMWICH, of Bridgnorth, in the County of Salop, for an invention for—"A combined apparatus for combing and cutting the hair of the human head." <i>Provisional protection only.</i>
MUNTZ. 11th January 1861.	74. WILLIAM HENRY MUNTZ, of Millbrook, in the County of Hants, for an invention for—"Improvements in breaks for locomotive engines." <i>Letters Patent sealed.</i>
MUNTZ. 11th January 1861.	75. WILLIAM HENRY MUNTZ, of Millbrook, in the County of Hants, for an invention for—"Improved means of signalling or communicating with the guard or engine-driver in railway trains." <i>Letters Patent sealed.</i>
LAFFITTE. 11th January 1861.	76. PAUL LAFFITTE, j ^r , of Bordeaux, in the Department of Gironde, in the Empire of France, for an invention for—"An improved instrument for writing and printing music." <i>Provisional protection only.</i>
GEDGE. 11th January 1861.	77. WILLIAM EDWARD GEDGE, of the firm of John Gedge and Son, of No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in weighing machines."— <i>A communication to him from abroad by J. Charles Maag, fils, of Lyons (Rhône), in the Empire of France.</i> <i>Provisional protection only.</i>
PAGE. 11th January 1861.	78. MARIE CHRISTOPHE EUGENE PAGE, of the firm E. & M. Page, Brothers, of Valdoie, near Belfort, Department of the Haut Rhin, in the Empire of France, Mechanical Engineer, for an invention for—"An improved kneading-machine." <i>Letters Patent sealed.</i>
CHELLINGWORTH. THURLOW. 11th January 1861.	79. THOMAS TERTIUS CHELLINGWORTH, of 12, Buckingham Street, Adelphi, C.E., and JONATHAN THURLOW, of 37, Belvidere Road, Lambeth, for an invention for—"Improvements in traction engines." <i>Letters Patent sealed; no specification filed.</i>
MORAN. 11th January 1861.	80. WILLIAM HENRY MORAN, of Cologne, for an invention for—"Improvements in gas meters." <i>Letters Patent sealed.</i>
PAWSON. 11th January 1861.	81. HENRY PAWSON, of 117, Leadenhall Street, in the City of London, for an invention for—"Improvements in scale beams and weighing-machines." <i>Letters Patent sealed.</i>
NORMANDY. 11th January 1861.	82. ALPHONSE RENÉ LE MIRE NORMANDY, of Odin Lodge, King's Road, Clapham Park, in the County of Surrey, for an invention for—"Improvements in connecting gas and other pipes." <i>Letters Patent sealed.</i>
AGER. 11th January 1861.	83. NATHAN AGER, of 77, Upper Ebury Street, Pimlico, in the County of Middlesex, for an invention for—"Improvements in stoves and ranges." <i>Letters Patent sealed.</i>
FOOTE. 11th January 1861.	84. ALFRED MILLS FOOTE, of the City and State of New York, United States of America, for an invention for—"An improved lock for receiving and securing umbrellas, canes and similar articles." <i>Letters Patent sealed.</i>
WOODCOCK. 11th January 1861.	85. WILLIAM GEORGE WOODCOCK, of West Bromwich, in the County of Stafford, Manager of Iron Works, for an invention for—"Improvements in wrought iron beams or girders and columns." <i>Letters Patent sealed.</i>
SMELLIE. 11th January 1861.	86. ROBERT SMELLIE, of West Merrieston, in the County of Lanark, North Britain, Joiner, for an invention for—"Improvements in apparatus for supporting and working sash windows and other similar sliding or traversing details." <i>Letters Patent sealed.</i>
MUIR. M'ILWHAM. 11th January 1861.	87. MATTHEW ANDREW MUIR, of Glasgow, in the County of Lanark, North Britain, Machinist, and JAMES M'ILWHAM, of the same place, Machinist, for an invention for—"Improvements in looms for weaving." <i>Letters Patent sealed.</i>
BULLOUGH. 12th January 1861.	88. WILLIAM BULLOUGH, of Blackburn, in the County of Lancaster, Engineer, for an invention for—"Improvements in looms for weaving." <i>Letters Patent sealed.</i>
WHIGHT. 12th January 1861.	89. GEORGE WHIGHT, of Ipswich, in the County of Suffolk, Surveyor, for an invention for—"Improvements in sewing-machines."— <i>A communication to him from abroad by Theodore Stuart Washburn, of Rochester, in the State of New York, United States.</i> <i>Letters Patent sealed.</i>
WARWICK. 12th January 1861.	90. THOMAS WARWICK, of Birmingham, in the County of Warwick, Engineer, for an invention for—"Improvements in governors for steam and other engines." <i>Provisional protection only.</i>

CHARLTON. 12th January 1861.	91. JOSEPH CHARLTON, of Manchester, in the County of Lancaster, Mariner, for an invention for—"Improvements in the method of directing the streams of water employed in extinguishing conflagrations, and in apparatus connected therewith." <i>Letters Patent sealed.</i>
FITZ MAURICE. 12th January 1861.	92. THE HONORABLE WILLIAM EDWARD FITZ MAURICE, of 12, Hyde Park Gate, in the County of Middlesex, for an invention for—"Improvements in generating heat for locomotive, marine and other boilers and furnaces." <i>Letters Patent sealed.</i>
GIBBS. 12th January 1861.	93. JOSEPH GIBBS, of Brentford, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in constructing submerged works." <i>Complete specification; Letters Patent sealed.</i>
MATHESON. 12th January 1861.	94. HENRY MATHESON, of Lahore Terrace, Sydenham Road, Croydon, in the County of Surrey, Varnish Manufacturer, for an invention for—"Improved apparatus for generating steam." <i>Letters Patent sealed.</i>
PRENTISS. 12th January 1861.	95. ELIJAH FREEMAN PRENTISS, of Birkenhead, in the County of Chester, Manufacturing Chemist, for an invention for—"Improved apparatus for regulating the flow of gas, part of which is applicable to the valves of steam-engines."— <i>A communication to him from abroad by Mr. T. H. Williams, of Pittsburgh, in the United States of America.</i> <i>Provisional protection only.</i>
BOQUET. 12th January 1861.	96. MARIE VIRGINIE BOQUET, of 224, Rue de Rivoli, Paris, France, for an invention for—"An improved mode of stoppering or closing canisters, bottles or other vessels." <i>Provisional protection only.</i>
GIRARD. 12th January 1861.	97. CHARLES ADAM GIRARD, of 17, Boulevard du Temple, Paris, in the Empire of France, for an invention for—"Improvements in preparing coloring matters for dyeing and printing."— <i>The result partly of communication from abroad made to him by Mr. Georges de Laire, of the Mint, in Paris, and partly of invention and discovery made by himself.</i> <i>Letters Patent sealed.</i>
FRANCI. 12th January 1861.	98. GIOVANNI FRANCI, of 29, Boulevard St. Martin, Paris, France, Proprietor, for an invention for—"Improvements in cannon and mortars, and in projectiles for the same." <i>Provisional protection only.</i>
BRUSH. 14th January 1861.	99. CRANE BRUSH, of Enfield, in the County of Meath, Ireland, for an invention for—"Improvements in fog-signals for railways." <i>Letters Patent sealed.</i>
BALDWIN. WOOD. CROSSLEY. 14th January 1861.	100. JOHN BALDWIN, junior, Manufacturer, CHARLES WOOD, Overlooker, and JOHN CROSSLEY, Machine Maker, all of Halifax, in the County of York, for an invention for—"Improvements in machinery for combing wool or other fibrous substances." <i>Letters Patent sealed.</i>
HALL. 14th January 1861.	101. VINCENT HALL, of the Royal College of Chemistry, Oxford Street, in the County of Middlesex, Chemist, for an invention for—"Improvements in obtaining colouring matters." <i>Provisional protection only.</i>
DESILVA. GRIFFITH. 14th January 1861.	102. WILLIAM DESILVA, and THOMAS FLETCHER GRIFFITH, of Liverpool, in the County of Lancaster, Opticians, for an invention for—"An improved construction of instrument for taking observations at sea or on land."— <i>Provisional protection only.</i>
CLIFFORD. 14th January 1861.	103. HENRY CLIFFORD, of Greenwich, in the County of Kent, Engineer, for an invention for—"Improvements in apparatus to be employed in coiling and paying out electric telegraph cables."— <i>The result partly of communication from abroad made to him by Samuel Canning, at present on board the "William Cory" between Toulon and Minorca, and partly of invention and discovery made by himself.</i> <i>Provisional protection only.</i>
HORSEY. 14th January 1861.	104. JAMES HORSEY, of Belvedere Road, Lambeth, in the County of Surrey, India-rubber Manufacturer, for an invention for—"Improvements in pouches or receptacles for tobacco and other articles." <i>Letters Patent sealed.</i>
WEABER. 14th January 1861.	105. HENRY WEABER, of New Maldon, in the County of Surrey, Licensed Victualer, for an invention for—"An improvement in window fastenings." <i>Provisional protection only.</i>
LARK. 14th January 1861.	106. JAMES LARK, of Canal House, Strood, in the County of Kent, for an invention for—"Improvements in the manufacture of Portland cement." <i>Provisional protection only.</i>

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| <p>JOHNSON.
14th January 1861.</p> | <p>107. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in machinery or apparatus for obtaining motive-power."—<i>A communication to him from abroad by Jean Joseph Elie Lenoir, of Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i></p> |
| <p>HEMMING.
15th January 1861.</p> | <p>108. SAMUEL HEMMING, Contractor of Public Works, Moorgate Street, in the City of London, for an invention for—"Improved rifle ranges and butts and appliances connected therewith." <i>Provisional protection only.</i></p> |
| <p>SIDEBOTTOM.
15th January 1861.</p> | <p>109. JOHN SIDEBOTTOM, of Harewood, near Mottram, in the County of Chester, Cotton Spinner and Manufacturer, for an invention for—"Certain improvements in fire-arms and ordnance." <i>Letters Patent sealed.</i></p> |
| <p>WILLCOCK.
15th January 1861.</p> | <p>110. JOSEPH WILLCOCK, of 89, Chancery Lane, in the County of Middlesex, Patent Agent and Mechanical Draftsman, for an invention for—"Improvements in gas regulators."—<i>A communication to him from abroad by John Brunt, of Rue Petrelle, Paris, in the Empire of France, Gas Engineer.</i> <i>Provisional protection only.</i></p> |
| <p>SPENCER.
15th January 1861.</p> | <p>111. JOHN FREDERICK SPENCER, of Newcastle-upon-Tyne, Consulting Engineer, for an invention for—"Improvements in steam-engines and the machinery and apparatus connected therewith." <i>Provisional protection only.</i></p> |
| <p>STEVENS.
15th January 1861.</p> | <p>112. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"A new paste made from wood to be used in the manufacture of various articles, together with the apparatus employed in the preparation of the same."—<i>A communication to him from abroad by Mr. Loyer, of 42, Rue Lafitte, Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i></p> |
| <p>WALKER.
15th January 1861.</p> | <p>113. CHARLES BRISTOW WALKER, of 1A, Southampton Street, Strand, in the County of Middlesex, Gentleman, for an invention for—"A novel mode of advertizing, signalling, giving notices or other communications." <i>Provisional protection only.</i></p> |
| <p>WILSON.
15th January 1861.</p> | <p>114. ROBERT WILSON, of Patricroft, in the County of Lancaster, Engineer, for an invention for—"Improvements in screw propellers and in machinery or apparatus for actuating the same." <i>Letters Patent sealed.</i></p> |
| <p>DAVIES.
15th January 1861.</p> | <p>115. GEORGE DAVIES, of No. 1, Serle Street, Lincoln's Inn, in the County of Middlesex, and No. 28, St. Enoch Square, in the City of Glasgow, Civil Engineer and Patent Agent, for an invention for—"Improvements in the manufacture of blades for knives, razors, swords, bayonets and other similar articles, and in apparatus to be used in such manufacture."—<i>A communication to him from abroad by André Nadet, of Paris, Cutler.</i> <i>Provisional protection only.</i></p> |
| <p>LASSERRE.
15th January 1861.</p> | <p>116. ANTOINE GERMAIN LASSERRE, Chemist, of Bordeaux, in the Département of Gironde, in the Empire of France, for an invention for—"Improvements in the manufacture of fuel and in apparatus connected therewith." <i>Letters Patent sealed.</i></p> |
| <p>COURNIOL.
15th January 1861.</p> | <p>117. MICHEL COURNIOL, Merchant, of Libourne, in the Département of Gironde, in the Empire of France, for an invention for—"Manufacturing tallow candles supporting a heat of 28 degrees without greasing or adhering, and extracting from the moulds whatever may be the atmosphere every two hours." <i>Provisional protection only.</i></p> |
| <p>NEWTON.
15th January 1861.</p> | <p>118. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improvements in the construction of railway and other carriages."—<i>A communication to him from abroad by Samuel J. Seely, of Brooklyn, King's County, in the State of New York, and United States of America.</i> <i>Letters Patent sealed.</i></p> |
| <p>BIGELOW.
15th January 1861.</p> | <p>119. LUCIUS AURELIUS BIGELOW, of High Holborn, in the County of Middlesex, Gentleman, for an invention for—"Improvements in the construction of certain kinds of passenger carriages."—<i>A communication to him from abroad by Joseph Harris, junior, of Roxbury, in the State of Massachusetts, and United States of America.</i> <i>Provisional protection only.</i></p> |
| <p>PICKEN.
15th January 1861.</p> | <p>120. JAMES PICKEN, of Birmingham, in the County of Warwick, Gun Maker, for an invention for—"Improvements in breechloading fire-arms and ordnance." <i>Provisional protection only.</i></p> |

STEVENS. 15th January 1861.	121. EBENEZER STEVENS, of Nos. 5, 6, and 7, Cambridge Road, Bethnall Green, for an invention for—"Improvements in machinery for preparing dough and paste." <i>Letters Patent sealed and Specification filed by order.</i>
SAGAR. 15th January 1861.	122. HENRY SAGAR, of Broughton, Manchester, for an invention for—"Improvements in machinery for finishing patent tracing cloth and other woven fabrics." <i>Letters Patent sealed.</i>
COULTER. 16th January 1861.	123. WILLIAM COULTER, of No. 143, Everton Road, Chorlton-upon-Medlock, Manchester, for an invention for—"The use of joiners, cabinet makers and others, called a bench hook." <i>Provisional protection only.</i>
WHITTAKER. CLARE. 16th January 1861.	124. EDWIN WHITTAKER, Spinner and Manufacturer, and JEREMIAH CLARE, Carder, both of Hurst, in the County of Lancaster, for an invention for—"Improvements in machinery or apparatus for preparing cotton or other fibrous materials to be spun." <i>Letters Patent sealed.</i>
READING. 16th January 1861.	125. JOHN READING, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"Improvements in swivels or fastenings for connecting watches to watch chains, for fastening articles of jewellery, and for other like purposes." <i>Letters Patent sealed.</i>
GRAHAM. 16th January 1861.	126. JOSHUA WILLIAM GRAHAM, of Manchester, in the County of Lancaster, Stone Mason, for an invention for—"Certain improvements in machinery or apparatus for cutting, shaping and dressing stone or other similar substances." <i>Provisional protection only.</i>
BATLEY. 16th January 1861.	127. JOHN BATLEY, of Leeds, in the County of York, Engineer, for an invention for—"An improved manufacture of belting."— <i>A communication to him from abroad by Charles Lezaire, of Lille, in the Empire of France.</i> <i>Letters Patent sealed.</i>
TELFER. 16th January 1861.	128. JOHN TELFER, of Newcastle-upon-Tyne, for an invention for—"Improvements in capstans and winches for hoisting, which improvements are also applicable to the steering of ships." <i>Provisional protection only.</i>
SWINBURNE. 16th January 1861.	129. ROBERT WALTER SWINBURNE, of South Shields, in the County of Durham, Plate Glass Manufacturer, for an invention for—"Improvements in the manufacture of plate glass and in furnaces employed therein." <i>Letters Patent sealed.</i>
SPENCE. 17th January 1861.	130. WILLIAM SPENCE, of 50, Chancery Lane, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in machinery for making butt hinges."— <i>A communication to him from abroad by William Henry Van Gieson, of Paterson, in the County of Passaic, and State of New Jersey, United States.</i> <i>Letters Patent sealed.</i>
CRAVEN. 17th January 1861.	131. JOSEPH HENRY CRAVEN, of the firm of J. & J. Craven, of Keighley, in the County of York, Spinner, for an invention for—"Improvements in spinning and doubling wool, cotton, silk, flax and other fibrous substances, and in machinery or apparatus employed for the same." <i>Provisional protection only.</i>
MENNONS. 17th January 1861.	132. MARC ANTOINE FRANÇOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"Improvements in apparatus and materials for filtering water and other liquids."— <i>A communication from Mr. G. Dardel, a person resident at Mulhouse (Haut Rhin).</i> <i>Letters Patent sealed.</i>
LEWINGDON. 17th January 1861.	133. GEORGE LEWINGDON, of Bridport, in the County of Dorset, Woollen Draper, for an invention for—"Improvements in chimney and ventilating cowls." <i>Letters Patent sealed.</i>
CAVALERIE. 17th January 1861.	134. MARCELIN FRANÇOIS CAVALERIE, of 29, Boulevard St. Martin, Paris, in the Empire of France, Mechanician, for an invention for—"Improved apparatus for obtaining motive-power by centrifugal force." <i>Provisional protection only.</i>
CLARK. 17th January 1861.	135. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improved apparatus for raising fluids."— <i>A communication to him from abroad by Pierre Léon St. Clair, Captain-adjutant Major, of the Fire Brigade, Paris.</i> <i>Letters Patent sealed.</i>
JULLIEN. 17th January 1861.	136. EDOUARD JULLIEN, of Marseilles, France, for an invention for—"Improvements in machinery for preparing and treating hides and skins in the manufacture of leather." <i>Letters Patent sealed.</i>

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| HENRY.
17th January 1861. | 137. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in apparatus for locomotion and in the construction of certain wheels employed therein and of levels used therewith, such improved wheel and level being also applicable for other purposes."— <i>A communication to him from abroad by José Gallegos, of 33, Boulevard Saint Martin, Paris, France.</i>
<i>Letters Patent sealed.</i> |
| JOY.
17th January 1861. | 138. JOHN ROBERT JOY, of All Saint's Street, Bristol, Engraver and Printer, for an invention for—"Improvements in machinery or apparatus for lithographic printing."
<i>Letters Patent sealed.</i> |
| TOWNSEND.
WALKER.
18th January 1861. | 139. JOSEPH TOWNSEND, Manufacturing Chemist, and JAMES WALKER, Analytical Chemist, both of Glasgow, in the County of Lanark, North Britain, for an invention for—"Improvements in mordanting and in the manufacture of products to be used as mordants and otherwise."
<i>Letters Patent sealed.</i> |
| ARGENT.
18th January 1861. | 140. EDWARD ARGENT, of White Lion Street, Pentonville, in the County of Middlesex, Coach Builder, for an invention for—"Improved apparatus for lifting and tilting casks or other receptacles containing liquids."
<i>Letters Patent sealed.</i> |
| BATES.
18th January 1861. | 141. ISAAC BATES, of Dukinfield, in the County of Cheshire, Mill Manager, for an invention for—"An improvement or improvements in apparatus for preparing warps for the loom."
<i>Provisional protection only.</i> |
| MASON.
18th January 1861. | 142. ROBERT MASON, of Alford, in the County of Lincoln, Implement Manufacturer, for an invention for—"Improvements in apparatus for washing and churning."
<i>Provisional protection only.</i> |
| JOBSON.
18th January 1861. | 143. JOHN JOBSON, of Derby, in the County of Derby, Ironfounder, for an invention for—"Improvements in the manufacture of stove grates."
<i>Letters Patent sealed.</i> |
| NEWTON.
18th January 1861. | 144. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"An improved clutch apparatus for transmitting motion to various kinds of machinery."— <i>A communication to him from abroad by Messrs. Colas, Brothers, of Paris.</i>
<i>Letters Patent sealed.</i> |
| PIFFARD.
19th January 1861. | 145. BERNARD PIFFARD, of 17, Caroline Villas, Kentish Town, in the County of Middlesex, Gentleman, for an invention for—"Improvements in the preparation of non-conducting substances for the deposition thereon of metals by electric action."
<i>Letters Patent sealed.</i> |
| CROZIER.
19th January 1861. | 146. WILLIAM CROZIER, of Findon Cottage, in the Parish of Witton Gilbert, in the County of Durham, for an invention for—"Improved means of communication on railways for the prevention of accidents."
<i>Provisional protection only.</i> |
| LYTTLE.
19th January 1861. | 147. WILLIAM A. LYTTLE, of No. 10, Arundel Street, Strand, London, County of Middlesex, for an invention for—"Improvements in and connected with projectiles to be used with ordnance, rifles and other fire-arms."
<i>Provisional protection only.</i> |
| SANDERS.
19th January 1861. | 148. FREDERICK GEORGE SANDERS, of Poole, in the County of Dorset, for an invention for—"Certain improvements in the construction of boxes for containing earth for growing shrubs or trees, which improvements are also applicable for paving, flooring, building and other purposes."
<i>Provisional protection only.</i> |
| LATHAM.
19th January 1861. | 149. ROBERT MARSDEN LATHAM, of 71, Fleet Street, in the City of London, Secretary to the General Patent Company, Limited, for an invention for—"Improvements in the construction of children's rocking toys."— <i>A communication to him from abroad by David R. Smith, of the City of New York.</i>
<i>Letters Patent sealed.</i> |
| BOND.
19th January 1861. | 150. JOSEPH BOND, of Tow Law, near Darlington, in the County of Durham, Engineer, for an invention for—"Improvements in railway wheels."
<i>Provisional protection only.</i> |
| VANDERCRUYCE.
19th January 1861. | 151. HENRY VANDERCRUYCE, of the Cours du Trente Juillet, No. 32, at Bourdeaux, in the Empire of France, Master Mariner, for an invention for—"Improved means or apparatus for lowering or striking the masts of ships at sea with sails and courses set."
<i>Letters Patent sealed.</i> |

LANCASTER. BROWN. HUGHES. 19th January 1861.	152. CHARLES WILLIAM LANCASTER, of New Bond Street, in the County of Middlesex, Gun Maker, JAMES BROWN, of Newport, in the County of Monmouth, Ironmaster, and JOHN HUGHES, also of Newport aforesaid, Engineer, for an invention for—"An improvement in constructing forts, screens, and other like defences." <i>Letters Patent sealed.</i>
RICKARDS. 19th January 1861.	153. JAMES BATESON RICKARDS, of Snow Hill, in the City of London, for an invention for—"Improvements in the construction of axle-boxes for the wheels of vehicles used on railways, applicable also to the wheels of vehicles used on common roads, for the purpose of reducing friction."— <i>A communication to him from abroad by Charles Jean de Mat, of Rue Saint Jacques, Paris, in the French Empire.</i> <i>Provisional protection only.</i>
MANN. 19th January 1861.	154. DONALD MANN, of Rochester, State of New York, United States of America, for an invention for—"Improvements in rotary spading and digging machines." <i>Letters Patent sealed.</i>
HENRY. 19th January 1861.	155. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in machines for manufacturing corks, bungs, spiles and such like articles."— <i>A communication to him from abroad by Paul Alexis Adolphe Dalverny, of 33, Boulevard Saint Martin, Paris.</i> <i>Letters Patent sealed.</i>
CLARK. 19th January 1861.	156. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in compass protractors."— <i>A communication to him from abroad by Charles B. Wood, of New York, United States of America.</i> <i>Letters Patent sealed.</i>
CLARK. 19th January 1861.	157. WILLIAM CLARK, of No. 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"An improved device for balancing slide valves of steam-engines."— <i>A communication to him from abroad by Andrew Buchanan and Peter Zeglio, both of New York, United States of America.</i> <i>Provisional protection only.</i>
PERROTT. 21st January 1861.	158. FRANCIS WILLIAM PERROTT, of Hanover Cottage, Hanover Street, Walworth, for an invention for—"An improved lubricating grease or paste for railway wheels and all kinds of machinery." <i>Letters Patent sealed.</i>
ALBRECHT. 21st January 1861.	159. CHARLES EDMUND ALBRECHT, of Radnor Place, Hyde Park, in the County of Middlesex, Gentleman, for an invention for—"Improvements in instruments or apparatus for indicating or measuring the pressure of steam and other fluids." <i>Provisional protection only.</i>
PICKSTONE. 21st January 1861.	160. WILLIAM PICKSTONE, of 32, York Street, Manchester, for an invention for—"Improvements in trucks or waggons used for carrying coals." <i>Provisional protection only.</i>
SCOTT. 21st January 1861.	161. LIEUTENANT JOHN SCOTT, 1st Duke's Own, R.L.M., of 23, Michael's Place, Brompton, in the County of Middlesex, for an invention for—"Improvements in rifles and their projectiles." <i>Provisional protection only.</i>
PICKSTONE. 21st January 1861.	162. WILLIAM PICKSTONE, of 32, York Street, Manchester, for an invention for—"Improvements in apparatus for discharging water from steam pipes." <i>Provisional protection only.</i>
MUSHET. 21st January 1861.	163. ROBERT MUSHET, of Coleford, in the County of Gloucester, Metallurgist, for an invention for—"An improvement or improvements in the manufacture of cast steel." <i>Letters Patent sealed.</i>
HIBLING. 21st January 1861.	164. HENRY HIBLING, of 14, Blomfield Street North, Kingsland-road, in the County of Middlesex, for an invention for—"Improvements in the manufacture of high boots, gaiters, knickerbockers, leggings and other such like articles." <i>Letters Patent sealed.</i>
STEWART. 21st January 1861.	165. THOMAS STEWART, of Northampton Street, Clerkenwell, in the County of Middlesex, Iron Merchant, for an invention for—"Improvements in vehicles known as hansom cabs." <i>Provisional protection only.</i>
PASCAL. 21st January 1861.	166. JEAN BAPTISTE PASCAL, of Lyons, in the Empire of France, Civil Engineer (and of 29, Boulevard St. Martin, Paris), for an invention for—"Improvements in generating burning gases to be applied as a motive-power and in apparatus for the same." <i>Letters Patent sealed.</i>

SIEMENS. SIEMENS. 22nd January 1861.	167. CHARLES WILLIAM SIEMENS, and FREDERICK SIEMENS, both of Great George Street, Westminster, for an invention of—"Improvements in furnaces." <i>Letters Patent sealed.</i>
DUCKWORTH. 22nd January 1861.	168. CHRISTOPHER DUCKWORTH, of Pendleton, in the County of Lancaster, Gentleman, for an invention for—"An improved mode of manufacturing fabrics for useful and ornamental purposes." <i>Provisional protection only.</i>
WHITE. 22nd January 1861.	169. GEORGE WHITE, of 7A, Pancras Lane, in the City of London, for an invention for—"An improved warping and beaming mill."— <i>A communication to him from abroad by Mr. Caspar Honegger, of Rütli, Switzerland.</i> <i>Letters Patent sealed.</i>
COOKE. 22nd January 1861.	170. WILLIAM COOKE, of Charing Cross, Civil Engineer, for an invention for—"Improvements in apparatus for filtering." <i>Letters Patent sealed.</i>
PHILP. PHILP. 22nd January 1861.	171. RICHARD PHILP, and JOHN PHILP, of 9, Lower John Street, Golden Square, in the County of Middlesex, Civil Engineers, for an invention for—"An improvement on propellers for propelling ships, boats and other vessels in water." <i>Provisional protection only.</i>
ELLIS. 22nd January 1861.	172. EDWARD ELLIS, of Bangor, in the County of Carnarvon, Ship Builder, for an invention for—"Improved machinery or apparatus for picking and cleaning "oakum" and for spinning or twisting the same for the purpose of calking ships or vessels." <i>Letters Patent sealed.</i>
HENDERSON. 22nd January 1861.	173. ROBERT HENDERSON, of No. 15, Bark Place, Bayswater Road, in the County of Middlesex, Trainer of Horses, for an invention for—"An improved 'dumb jockey' for breaking or training horses." <i>Letters Patent sealed.</i>
COTTAM. 22nd January 1861.	174. HENRY RICHARD COTTAM, of the St. Pancras Iron Works, in the County of Middlesex, Engineer, for an invention for—"Improvements in folding chairs, cots, and such like articles to sit and recline on." <i>Letters Patent sealed.</i>
CHATTERTON. SMITH. 22nd January 1861.	175. JOHN CHATTERTON, of Highbury Terrace, & WILLOUGHBY SMITH, of Pownall Road, Dalston, both in the County of Middlesex, for an invention for—"Improvements in the manufacture of telegraphic cables." <i>Letters Patent sealed.</i>
HOLMES. 22nd January 1861.	176. ARTHUR EAST HOLMES, of Derby, Carriage Builder, for an invention for—"Improvements in carriage springs." <i>Letters Patent sealed.</i>
BROOMAN. 22nd January 1861.	177. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improved method of manufacturing tyres for wheels, hoops and rings."— <i>A communication to him from abroad by the Société des Forges, of Montataire, France.</i> <i>Provisional protection only.</i>
SMITHIES. JACKSON. 23rd January 1861.	178. DAVID SMITHIES, of Rochdale Road, in the City of Manchester, Heald Knitter, and JOHN JACKSON, of Holyrood Terrace, Queen's Park, near the City of Manchester, Salesman, for an invention for—"Improvements in the manufacture of healds or harness for weaving." <i>Provisional protection only.</i>
WESTLEY. 23rd January 1861.	179. WILLIAM WESTLEY, of Northampton, Boot Maker, for an invention for—"Improvements in the manufacture of boots and shoes." <i>Letters Patent sealed.</i>
BROWN. 23rd January 1861.	180. WILLIAM BROWN, of Wigan, in the County of Lancaster, Spinner and Manufacturer, for an invention for—"An improved stripper for carding-engines." <i>Letters Patent sealed.</i>
CLARK. 23rd January 1861.	181. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in threshing-machines."— <i>A communication to him from abroad by Mr. Charles Emile Lambert, junior, Mechanician, of 29, Boulevard St. Martin, Paris.</i> <i>Letters Patent sealed.</i>
CLARK. 23rd January 1861.	182. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in circular looms for weaving hats and other articles."— <i>A communication to him from abroad by Mr. Louis Bonard, of New York, United States of America.</i> <i>Letters Patent sealed.</i>
CLARK. 23rd January 1861.	183. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in ships' sails."— <i>A communication to him from abroad by Mr. Justin Louis Hyppolyte Eugene Bonnet, of 29, Boulevard St. Martin, Paris, Merchant Captain.</i> <i>Provisional protection only.</i>

DEAKIN. CRESSWELL. 23rd January 1861.	184. JAMES DEAKIN, of Birmingham, in the County of Warwick, Architect, and JOHN CRESSWELL, of the same place, Builder, for an invention for—"Certain improvements in shutters." <i>Letters Patent sealed.</i>
WILSON. 23rd January 1861.	185. WILLIAM WILSON, of Newcastle-upon-Tyne, Hat Manufacturer, for an invention for—"Improvements in the manufacture of hats." <i>Letters Patent sealed.</i>
PRINCE. 23rd January 1861.	186. ALEXANDER PRINCE, of the Office for Patents, No. 4, Trafalgar Square, Charing Cross, in the County of Middlesex, for an invention for—"An improved induction and eduction valve for steam-engines."— <i>A communication to him from abroad by Thomas Goodrum, resident in the City and County of Providence, and State of Rhode Island, in the United States of America.</i> <i>Provisional protection only.</i>
BROOMAN. 23rd January 1861.	187. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in sewing-machines particularly applicable to the stitching or sewing of gloves and other articles where circular or partially circular parts are to be connected together."— <i>A communication to him from abroad by Edouard Paul Lecerf, of Paris.</i> <i>Provisional protection only.</i>
HAWORTH. 24th January 1861.	188. THOMAS HAWORTH, of Nut Mill, Bacup, in the County of Lancaster, Spinner and Manufacturer, for an invention for—"Improvements in machinery or apparatus for governing or regulating the speed of steam-engines or other motive-power." <i>Letters Patent sealed.</i>
HENDERSON. 24th January 1861.	189. HENRY HENDERSON, of Edinburgh, in the County of Mid Lothian, North Britain, Carpet Manufacturer, for an invention for—"Improvements in machinery or apparatus for printing yarns or threads, part of which machinery or apparatus is applicable to the twisting of fibrous materials." <i>Letters Patent sealed.</i>
MULHOLLAND. 24th January 1861.	190. FREDERICK GEORGE MULHOLLAND, of No. 20, Great Orford Street, Marlborough Road, Chelsea, in the County of Middlesex, Civil and Mechanical Engineer, for an invention for—"Certain improved apparatus for preventing steam-boiler explosions and for decolorizing the gaseous products of furnace fuel in a state of combustion." <i>Provisional protection only.</i>
THOMAS. 24th January 1861.	191. REBECCA THOMAS, of Bath Street, Tabernacle Square, in the County of Middlesex, for an invention for—"Improvements in the tires of wheels for vehicles used on common roads." <i>Provisional protection only.</i>
O'HALLORAN. 24th January 1861.	192. HENRY DUNN O'HALLORAN, of Kensington, in the County of Middlesex, Colonel in Her Majesty's Service, for an invention for—"An improved sporran or excursion bag especially suitable for volunteer riflemen and tourists." <i>Letters Patent sealed.</i>
SELBY. 24th January 1861.	193. GEORGE THOMAS SELBY, of Smethwick, in the County of Stafford, Manufacturer, for an invention for—"Improvements in the construction of masts and posts." <i>Provisional protection only.</i>
GIBSON. KNIGHTON. KNIGHTON. 24th January 1861.	194. THOMAS GIBSON, of Staveley Works, in the County of Derby, Manager, and WILLIAM KNIGHTON, and HENRY KNIGHTON, also of the said Works, Foreman Moulders, for an invention for—"Improvements in core barrels for casting pipes, cylinders, retorts and other like hollow articles." <i>Letters Patent sealed.</i>
FLEETWOOD. 24th January 1861.	195. DANIEL JOSEPH FLEETWOOD, of Birmingham, in the County of Warwick, for an invention for—"Improvements in apparatus for rolling metal." <i>Letters Patent sealed.</i>
LONGMAID. 24th January 1861.	196. WILLIAM LONGMAID, of Inver, Galway, Ireland, for an invention for—"Improvements in the manufacture of iron and steel." <i>Letters Patent sealed.</i>
DOBESON. WARREN. 24th January 1861.	197. NATHANIEL WILLIAM DOBESON, and GEORGE WARREN, of Bill Quay Bottle Works, near Gateshead, for an invention for—"Improvements in the manufacture of glass." <i>Letters Patent sealed.</i>
VERO. 24th January 1861.	198. JAMES VERO, of Atherstone, in the County of Warwick, Furrier, for an invention for—"Improvements in machinery for separating the fur or hair from the skins of animals." <i>Letters Patent sealed.</i>
HUGHES. 25th January 1861.	199. EDWARD THOMAS HUGHES, of the firm of Hughes & Son, Patent Agents, 123, Chancery Lane, London, for an invention for—"Improvements in machinery or apparatus for pulverising clay and other materials."— <i>A communication to him from abroad by Messrs. Léon and Edouard Pavin de Lafarge, Merchants, residing at Viviers, Département de l'Ardèche, in the Empire of France.</i> <i>Letters Patent sealed.</i>

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| <p>HADWEN.
25th January 1861.</p> <p>BROOMAN.
25th January 1861.</p> <p>NEEDHAM.
25th January 1861.</p> <p>LAW.
25th January 1861.</p> <p>LAUTH.
25th January 1861.</p> <p>YARROW.
HILDITCH.
25th January 1861.</p> <p>LUNGLEY.
25th January 1861.</p> <p>DURRANT.
HARRIS.
26th January 1861.</p> <p>BISHOP.
26th January 1861.</p> <p>DREVET.
26th January 1861.</p> <p>BRADFORD.
26th January 1861.</p> <p>WEBSTER.
26th January 1861.</p> <p>JOHNSON.
26th January 1861.</p> <p>MUSHET.
26th January 1861.</p> | <p>200. GAYLARD HADWEN, of Audenshaw, in the County of Lancaster, Manufacturer, for an invention for—"Improvements in the double lift jacquard machine as applicable to power looms."
<i>Provisional protection only.</i></p> <p>201. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in reaping and mowing machines."—<i>A communication to him from abroad by Jean Louis Dewarquier, of Paris.</i>
<i>Provisional protection only.</i></p> <p>202. SAMUEL NEEDHAM, of Oriel Place, Chelsea, in the County of Middlesex, Engineer, for an invention for—"Improved spring apparatus applicable to bedsteads and other articles to which springs may be applied."
<i>Letters Patent sealed.</i></p> <p>203. JESSE LAW, of Hollinwood, in the County of Lancaster, for an invention for—"Improvements in shutting off the steam and operating upon the breaks of engines employed in lowering into and lifting from mines or pits."
<i>Letters Patent sealed.</i></p> <p>204. BERNARD LAUTH, of Pittsburgh, Pennsylvania, in the United States of America, for an invention for—"Improvements in piling iron for heating preparatory to re-rolling or hammering the same."
<i>Letters Patent sealed.</i></p> <p>205. ALFRED FERNANDEZ YARROW, of Arundel Square, Barnsbury, Engineer, and JAMES BRACEBRIDGE HILDITCH, of Barnsbury Villas, Gentleman, both in the County of Middlesex, for an invention for—"Improvements in means or apparatus used in ploughing, tilling or cultivating land."
<i>Letters Patent sealed.</i></p> <p>206. CHARLES LUNGLEY, of Deptford Green Dockyard, in the County of Kent, Shipbuilder, for an invention for—"Improvements in the construction of ships and other vessels for war purposes."
<i>Letters Patent sealed.</i></p> <p>207. JAMES DURRANT, of Fitzroy Square, in the County of Middlesex, Zinc Worker, and NOEL ALLEYNE HARRIS, of Bayswater, in the said County of Middlesex, Gentleman, for an invention for—"Improvements in the form and construction of chimney tops or appliances for surmounting chimneys in order to regulate the up currents and obviate the down draughts."
<i>Provisional protection only.</i></p> <p>208. CHARLES BISHOP, of Saint Helen's, in the County of Lancaster, Flint Glass Manufacturer, for an invention for—"Improvements in the ornamenting of glass."
<i>Letters Patent sealed.</i></p> <p>209. CHARLES ACHILLE DREVET, of Rouen, and of No. 4, South Street, Finsbury, London, Manufacturing Chymist, for an invention for—"Improvements in the manufacture of sulphurous acid, sulphites, and bi-sulphates, and sulphuric acid, and in the apparatus employed therein, and in the application of one of the products of such manufacture to the bleaching of textile animal and vegetable substances."
<i>Provisional protection only.</i></p> <p>210. THOMAS BRADFORD, of the City of Manchester, in the County of Lancaster, Washing Machine Manufacturer, for an invention for—"Improvements in machines for washing, rinsing and blueing clothes, fabrics, yarns and similar articles."
<i>Letters Patent sealed.</i></p> <p>211. FREDERICK WILLIAM WEBSTER, of Whitstable, in the County of Kent, Druggist, for an invention for—"Improved apparatus applicable for washing and churning."
<i>Letters Patent sealed.</i></p> <p>212. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in obtaining motive-power from the expansion and compression of air, gas or vapor, and in the machinery or apparatus employed therein."—<i>A communication to him from abroad by Auguste Prouvost, of Paris, in the Empire of France.</i>
<i>Letters Patent sealed.</i></p> <p>213. ROBERT MUSHET, of Coleford, in the County of Gloucester, Metallurgist, for an invention for—"An improvement or improvements in the manufacture of melting pots or crucibles."
<i>Letters Patent sealed.</i></p> |
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ARROWSMITH. 26th January 1861.	214. JOHN ARROWSMITH, of Bilston, in the County of Stafford, Engineer, for an invention for—"Improvements in the manufacture of armour plates for gun boats and land batteries, and in machinery and furnaces used in the said manufacture." <i>Letters Patent sealed.</i>
HALLETT. STENHOUSE. 26th January 1861.	215. GEORGE HALLETT, of 52, Broadwall, Lambeth, in the County of Surrey, Antimony Refiner, and JOHN STENHOUSE, of 17, Rodney Street, Pentonville, in the County of Middlesex, L.L.D., for an invention for—"Improvements in the manufacture of pigments for coating surfaces." <i>Letters Patent sealed.</i>
BESSEMER. 26th January 1861.	216. HENRY BESSEMER, of Queen Street Place, New Cannon Street, in the City of London, for an invention for—"Improvements in ordnance and projectiles." <i>Letters Patent sealed.</i>
CLARK. 28th January 1861.	217. JAMES CLARK, of No. 28, Harleyford Place, Kennington, in the Parish of Lambeth, in the County of Surrey, for an invention for—"The application of a paste of whatever wood to any kind of ornamental and other mouldings without the least admixture of any other materials or use of any chemical agent."— <i>A communication to him from abroad by Monsieur Aloise Eydt, Miller, of Neumühle, Luxembourg, Kingdom of Holland.</i> <i>Letters Patent sealed.</i>
BOULBY. 28th January 1861.	218. JOHN BOULBY, of Whitby, in the County of York, Land Surveyor, for an invention for—"An improved log or instrument for measuring the speed of ships and the velocity of streams of water." <i>Letters Patent sealed.</i>
DE BERGUE. 28th January 1861.	219. CHARLES DE BERGUE, of No. 9, Dowgate Hill, in the City of London, Engineer, for an invention for—"Improvements in machinery for shaping metal." <i>Letters Patent sealed.</i>
BADCOCK. 28th January 1861.	220. JAMES BADCOCK, of Canhall Gate, Wanstead, in the County of Essex, Gentleman, for an invention for—"Improvements in signalling between the different carriages of railway trains and their engines." <i>Provisional protection only.</i>
HART. 28th January 1861.	221. HERBERT WILLIAM HART, of No. 3, Rue Bergère, in Paris, in the Empire of France, Gas Engineer, for an invention for—"Improvements in gas burners." <i>Provisional protection only.</i>
TWILLEY. ROMER. 28th January 1861.	222. FREDERICK HENRY TWILLEY, and ALBERT ROMER, both of Dean Street, in the County of Middlesex, for an invention for—"Improvements in tobacco-pouches, purses and other such like receptacles." <i>Provisional protection only.</i>
ROTHHOLZ. ROSENTHALL. 28th January 1861.	223. GUSTAVE ADOLPH ROTHHOLZ, and MORRIS ROSENTHALL, both of No. 14, Goulston Street, Whitechapel, in the County of Middlesex, for an invention for—"An improved combined garment for gentlemen's wear."— <i>Letters Patent sealed.</i>
NEWTON. 28th January 1861.	224. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improved apparatus for exhausting and compressing air and producing air blasts."— <i>A communication to him from abroad by Frederick William Partz, of the City of New York, in the United States of America.</i> <i>Letters Patent sealed.</i>
NEWTON. 28th January 1861.	225. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"An improvement in dinner plates."— <i>A communication to him from abroad by William Henry Towers, and John Hazard Browning, of New York, in the United States of America.</i> <i>Provisional protection only.</i>
NEWTON. 28th January 1861.	226. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in railway carriage wheels."— <i>A communication to him from abroad by Ebenezer A. Lester, of Boston, in the State of Massachusetts, and United States of America.</i> <i>Letters Patent sealed.</i>
MASON. 23th January 1861.	227. JOHN GURNEY MASON, of Ironmonger Street, Stamford, in the County of Lincoln, Ironmonger, for an invention for—"Improvements in chimney tops." <i>Provisional protection only.</i>
SHIPTON. 28th January 1861.	228. JAMES ALFRED SHIPTON, of Wolverhampton, in the County of Stafford, Engineer, for an invention for—"Improvements in steam-engines." <i>Letters Patent sealed.</i>

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| <p>VERKRÜZEN.
VERKRÜZEN.
29th January 1861.</p> <p>WINSTANLEY.
KELLY.
PAYNE.
FORMBY.
29th January 1861.</p> <p>FURRELL.
29th January 1861.</p> <p>ROBERTSON.
29th January 1861.</p> <p>FLEMING.
29th January 1861.</p> <p>FRIEND.
29th January 1861.</p> <p>ASHFORD.
29th January 1861.</p> <p>SMYTH.
WASLEY.
29th January 1861.</p> <p>CULVERWELL.
29th January 1861.</p> <p>NEGRETTI.
ZAMBRA.
29th January 1861.</p> <p>CRAWLEY.
SCHNEIDER.
29th January 1861.</p> <p>COURTOIS.
DE SOULANGE.
30th January 1861.</p> <p>COURTOIS.
DE SOULANGE.
30th January 1861.</p> <p>MELLOR.
30th January 1861.</p> <p>CROOK.
30th January 1861.</p> <p>BOYLE.
30th January 1861.</p> | <p>229. THEODOR ANTON VERKRÜZEN, and MORITZ ANTON VERKRÜZEN, sole partners of the firm of Verkrüzen & Co., Designers, &c., of 96, Hatton Garden, London, E.C., for an invention for—"A metal paint and for applying the same by painting in gold and imitation gold, silver or other metal color on velvet, cloth and other fabrics having a pile or woolly or flossy surface." <i>Letters Patent sealed.</i></p> <p>230. WILLIAM WINSTANLEY, and JOSEPH KELLY, of Liverpool, in the County of Lancaster, Engineers, and WILLIAM PAYNE, and JOHN FORMBY, of Liverpool, aforesaid, Ships' Ironmongers, for an invention for—"Improvements in pumps and the apparatus for working the same." <i>Letters Patent sealed.</i></p> <p>231. EDWARD WYBURD FURRELL, of Kensington, in the County of Middlesex, Civil Engineer, for an invention for—"An improved means of communication between the guard and the engine-driver of a railway train." <i>Provisional protection only.</i></p> <p>232. JOHN ROBERTSON, of Upper Newington, Mount Pleasant, Liverpool, in the County of Lancaster, for an invention for—"An improvement or improvements in sewing-machines." <i>Provisional protection only.</i></p> <p>233. WILLIAM FREDRICK FLEMING, of Halifax, in the County of York, Brush Manufacturer, for an invention for—"An improvement in bottle-cleaners." <i>Letters Patent sealed.</i></p> <p>234. JOHN WALTER FRIEND, of Freemantle, Southampton, for an invention for—"Improvements in beer-engines." <i>Letters Patent sealed.</i></p> <p>235. JOHN HENRY ASHFORD, of Loxbeare, Tiverton, in the County of Devon, for an invention for—"Improvements in signals for communicating between the passengers of railway trains and the engine driver and guards." <i>Provisional protection only.</i></p> <p>236. WILLIAM SMYTH, Mining Engineer, and MATTHEW WASLEY, Mine Manager, both of Coed Mawr Pool Mine, in the County of Carnarvon, for an invention for—"Improvements in the mechanism or apparatus for crushing or breaking up ores, stones and other hard substances." <i>Letters Patent sealed.</i></p> <p>237. ROBERT CULVERWELL, of Plymouth, in the County of Devon, Baker, for an invention for—"Improved apparatus for obtaining motive-power or communicating motion to machinery." <i>Provisional Protection only.</i></p> <p>238. ENRICO ANGELO LUDOVICO NEGRETTI, & JOSEPH WARREN ZAMBRA, both of Hatton Garden, in the City of London, Meteorological Instrument Makers, for an invention for—"Improvements in mountain and other barometers." <i>Letters Patent sealed.</i></p> <p>239. CHARLES EDWARD CRAWLEY, of 17, Gracechurch Street, E.C., and THEODORE SCHNEIDER, of 74, Horseferry Road, Westminster, for an invention for—"Improvements in safety and other lamps." <i>Letters Patent sealed.</i></p> <p>240. ALEXANDER COURTOIS, Architect, and JEROME ERNEST DE SOULANGE, Gentleman, both of Paris, France, for an invention for—"An improved construction of kiln for calcining limestone, gypsum or other similar substances." <i>Provisional protection only.</i></p> <p>241. ALEXANDER COURTOIS, Architect, and JEROME ERNEST DE SOULANGE, Gentleman, both of Paris, France, for an invention for—"An improved construction of kiln for baking bricks, tiles or other similar articles."—<i>Provisional protection only.</i></p> <p>242. JOHN MELLOR, jun', of Colne Cottages, King's Bridge, Huddersfield, in the West Riding of the County of York, Engineer, for an invention for—"An improved machine called a 'cross raising gig' used in the dressing of woollen cloth." <i>Letters Patent sealed.</i></p> <p>243. SAMUEL THOMAS CROOK, of Halifax, in the County of York, Ironmonger and Boiler Manufacturer, for an invention for—"Improvements in the construction of boilers employed for warming buildings." <i>Letters Patent sealed.</i></p> <p>244. ARTHUR BOYLE, of Birmingham, in the County of Warwick, Tool Maker, for an invention for—"Improvements in the manufacture of umbrellas and parasols." <i>Letters Patent sealed.</i></p> |
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ARCHER. 30th January 1861.	245. WILLIAM ARCHER, of Bolton, in the County of Lancaster, Jacquard Machine Maker, for an invention for—"Certain improvements in jacquard machines." <i>Letters Patent sealed.</i>
SMITH. 30th January 1861.	246. EPHRAIM SMITH, of Carlisle Street, in the County of Middlesex, Goldsmith, for an invention for—"An improvement in the manufacture of swivel rings especially applicable to swivels and watch keys." <i>Letters Patent sealed.</i>
POOLE. WRIGHT. 30th January 1861.	247. JOHN POOLE, of Bletchley, in the County of Bucks, and JAMES WRIGHT, of 42, Bridge Street, Blackfriars, City of London, Civil Engineer, for an invention for—"Improvements in steering or guiding steam or other vessels and also in working or actuating their rudders." <i>Letters Patent sealed.</i>
BOUSFIELD. 30th January 1861.	248. GEORGE TOMLINSON BOUSFIELD, of Loughborough Park, Brixton, in the County of Surrey, for an invention for—"Improvements in the manufacture of lasts for boots and shoes."— <i>A communication to him from abroad by John C. Plumer, M.D., of Portland, in the United States of America.</i> <i>Letters Patent sealed.</i>
PHILLIPS. BANNEHR. 30th January 1861.	249. HENRY PHILLIPS, of Pinhoe, in the County of Devon, and JAMES BANNEHR, of the City of Exeter, for an invention for—"Improvements in urinals and in the manufacture of manure when urine is used." <i>Letters Patent sealed.</i>
BOUSFIELD. 30th January 1861.	250. GEORGE TOMLINSON BOUSFIELD, of Loughborough Park, Brixton, in the County of Surrey, for an invention for—"Improvements in the manufacture of boots and shoes."— <i>A communication to him from abroad by John C. Plumer, M.D., of Portland, in the United States of America.</i> <i>Letters Patent sealed.</i>
BOUSFIELD. 30th January 1861.	251. GEORGE TOMLINSON BOUSFIELD, of Loughborough Park, Brixton, in the County of Surrey, for an invention for—"Improvements in the manufacture of shoes for horses and other hoofed animals."— <i>A communication to him from abroad by Rollin Austin Goodenough, of Brooklyn, in the United States of America.</i> <i>Letters Patent sealed.</i>
JOHNSON. 30th January 1861.	252. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in the treatment of vegetable substances and in the preparation of beverages therefrom."— <i>A communication to him from abroad by Louis Henry Obert, and Jean Baptiste Vasseur, of Paris, in the Empire of France.</i> <i>Provisional protection only.</i>
JOHNSON. 30th January 1861.	253. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in the construction and internal arrangement of railway carriages."— <i>A communication to him from abroad by Edward Burke, and Thomas A. Andrews, both of Philadelphia, Pennsylvania, United States of America.</i> <i>Letters Patent sealed.</i>
LONGRIDGE. 30th January 1861.	254. ROBERT BEWICK LONGRIDGE, of Manchester, in the County of Lancaster, Engineer, for an invention for—"Improvements in promoting the circulation of water in steam-boilers and in supplying water to steam-boilers." <i>Letters Patent sealed.</i>
CLARK. 30th January 1861.	255. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improved spring hinges."— <i>A communication to him from abroad by Mr. Charles Francois Alexis Arnaud, Manufacturer, of Paris.</i> <i>Provisional protection only.</i>
REEVES. 31st January 1861.	256. CHARLES REEVES, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"A new or improved instrument or apparatus for converting breech loading small arms into muzzle loading small arms, and an improvement or improvements in cartridges for breech loading small arms." <i>Letters Patent sealed.</i>
CLEGG. 31st January 1861.	257. ROBERT DAWSON CLEGG, of 73, Fleet Street, in the City of London, for an invention for—"Improvements in timekeepers called atmospheric clocks or mercurial timekeepers." <i>Letters Patent sealed.</i>
ROBERTSON. 31st January 1861.	258. JAMES ROBERTSON, Avon Bank, in the County of Lanark, North Britain, Bleacher, for an invention for—"Improvements in machinery or apparatus for finishing textile fabrics." <i>Letters Patent sealed.</i>

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| <p>JOHNSON.
31st January 1861.</p> <p>MOULTON.
31st January 1861.</p> <p>WARREN.
31st January 1861.</p> <p>ROGERS.
31st January 1861.</p> <p>CHATTERTON.
31st January 1861.</p> <p>FURRELL.
1st February 1861.</p> <p>LEMIELLE.
1st February 1861.</p> <p>KUNSTMANN.
1st February 1861.</p> <p>CURTISS.
1st February 1861.</p> <p>PARK.
1st February 1861.</p> <p>CRICHTON.
1st February 1861.</p> <p>HART.
1st February 1861.</p> <p>DE ARRIETA.
1st February 1861.</p> <p>NEWTON.
1st February 1861.</p> <p>MEDLOCK.
1st February 1861.</p> <p>POLLOK.
1st February 1861.</p> | <p>259. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in machinery or apparatus for roasting coffee and other seeds and roots and for drying grain."—<i>A communication to him from abroad by Robert Harper, of Melbourne, in the Colony of Victoria.</i>
<i>Letters Patent sealed.</i></p> <p>260. STEPHEN MOULTON, of Bradford, in the County of Wilts, India-rubber Manufacturer, for an invention for—"Improvements in the construction of cables for telegraphic purposes."
<i>Provisional protection only.</i></p> <p>261. SYLVESTER WIGGIN WARREN, of Brooklyn, in the County of Kings, and State of New York, United States of America, for an invention for—"An improved high and low water indicator for steam and other boilers."
<i>Letters Patent sealed.</i></p> <p>262. ISAAC ROGERS, of Haverstraw, in the County of Rockland, and State of New York, United States of America, for an invention for—"Improvements in furnaces for treating iron ores."
<i>Letters Patent sealed.</i></p> <p>263. JOHN CHATTERTON, of Highbury, in the County of Middlesex, Engineer, for an invention for—"Improvements in treating gutta-percha, india-rubber and compounds containing one or both of those substances, and in machinery and apparatus employed therein."
<i>Letters Patent sealed.</i></p> <p>264. EDWARD WYBURD FURRELL, of Kensington, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in the method of and apparatus for communicating between the guards or the passengers and the engine drivers of railway trains."
<i>Provisional protection only.</i></p> <p>265. THÉODORE LEMIELLE, of Bruxelles, in the Kingdom of Belgium, and of 51, High Holborn, in the County of Middlesex, Civil Engineer, for an invention for—"Engines for the extraction of the produce of mines and new arrangement of the ropes for suppressing all dead weight."
<i>Complete specification ; protection for six months only.</i></p> <p>266. ROBERT KUNSTMANN, of Manchester, in the County of Lancaster, Engineer, for an invention for—"An improved apparatus for lubricating the frictional surfaces of machinery."
<i>Letters patent sealed.</i></p> <p>267. HENRY CURTISS, at present of No. 7A, Skinner Street, Snow Hill, in the City of London, for an invention for—"Improvements in men's scarfs, cravats and neck-ties."
<i>Provisional protection only.</i></p> <p>268. JAMES MILLER PARK, of Glasgow, in the County of Lanark, North Britain, Shoemaker, for an invention for—"Improvements in sun blinds or shades."
<i>Letters Patent sealed.</i></p> <p>269. ALEXANDER CRICHTON, of Cork, Superintending Engineer of the Cork Steam Ship Company, for an invention for—"Improvements in applying and fitting screw propellers, and in forming and fitting the stern parts of ships for receiving screws."
<i>Letters Patent sealed.</i></p> <p>270. WALTER HART, of the City of Norwich, Machinist, for an invention for—"Improvements in sewing-machines."
<i>Letters Patent sealed.</i></p> <p>271. JOSÉ JOAQUIN DE ARRIETA, of Piccadilly, in the County of Middlesex, Esquire, for an invention for—"Certain applications of chapapote and its products, and of the same combined with other substances, and of materials treated therewith to various purposes in manufactures and the useful arts."
<i>Letters Patent sealed.</i></p> <p>272. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"An improved construction of motive-power engine."—<i>A communication to him from abroad by W. H. C. Voss, of Berlin.</i>
<i>Letters Patent sealed.</i></p> <p>273. HENRY MEDLOCK, of No. 20, Great Marlborough Street, in the City of Westminster, Analytical Chemist, for an invention for—"Improvements in brewing malt liquors."
<i>Provisional protection only.</i></p> <p>274. MORRIS POLLOK, the younger, of Govan, in the County of Lanark, North Britain, Manufacturer, for an invention for—"Improvements in machinery or apparatus for winding yarn or thread."
<i>Provisional protection only.</i></p> |
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BESSEMER. 1st February 1861.	275. HENRY BESSEMER, of Queen Street Place, New Cannon Street, in the City of London, for an invention for—"Improvements in the manufacture of malleable iron and steel and in the machinery or apparatus employed in such manufacture." <i>Letters Patent sealed.</i>
KNIGHTLEY. 1st February 1861.	276. THOMAS EDWARD KNIGHTLEY, of 25, Cannon Street, in the City of London, for an invention for—"Improvements in constructing stable floors." <i>Letters Patent sealed.</i>
SPENCER. COOK. 2nd February 1861.	277. GEORGE HOLME SPENCER, and RICHARD GEORGE COOK, of Hathersage, in the County of Derby, Manufacturers, for an invention for—"Improvements in umbrella and parasol furniture and in the means or apparatus employed in treating umbrella and parasol furniture, parts of which are also applicable in heating steel wire, ribs, rods or tubes for other purposes." <i>Provisional protection only.</i>
HUGHES. 2nd February 1861.	278. EDWARD THOMAS HUGHES, of the firm of Hughes & Son, Patent Agents, 123, Chancery Lane, London, for an invention for—"Improvements in the manufacture of woven fabrics and in the machinery employed therein."— <i>A communication to him from abroad by Monsieur Eugène Mouline, Merchant, of Vals, département de l'Ardèche, in the Empire of France.</i> <i>Letters Patent sealed.</i>
PRANGLEY. 2nd February 1861.	279. WILLIAM PRANGLEY, of Salisbury, Professor of Music, for an invention for—"Improvements in piano-fortes." <i>Letters Patent sealed.</i>
CAMERON. 2nd February 1861.	280. JOHN CAMERON, of the Hematite Iron Works, Hindpool, Lancashire, for an invention for—"Improvements in purifying water for the supply of steam-boilers and other uses." <i>Letters Patent sealed.</i>
BRICKNELL. 2nd February 1861.	281. AUGUSTUS LEA BRICKNELL, of Loughborough Park, Brixton, in the County of Surrey, for an invention for—"Improvements in fire-escapes." <i>Provisional protection only.</i>
CLARK. 2nd February 1861.	282. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in the manufacture of paper pulp."— <i>A communication to him from abroad by Messrs. Louis Gaucher, Doctor of Medicine, and Auguste Sommé, Apothecary, both of 29, Boulevard St. Martin, Paris.</i> <i>Provisional protection only.</i>
CLARK. 2nd February 1861.	283. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in bellows."— <i>A communication to him from abroad by Mr. Charles Jules Pierre Desnos-Gardissal, of 29, Boulevard St. Martin, Paris, Civil Engineer.</i> <i>Letters Patent sealed.</i>
CLARK. 2nd February 1861.	284. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in instruments for testing the alcoholic strengths of liquids."— <i>A communication to him from abroad by Miss Marie Euphrosyne Elisabeth Brossard-Vidal, and Mr. Alexandre Auguste Napoléon Patte, Optician, both of 29, Boulevard St. Martin, Paris.</i> <i>Letters Patent sealed.</i>
WILSON. ROWLETT. 2nd February 1861.	285. WILLIAM NEWTON WILSON, of 144, High Holborn, and WILLIAM TERTIUS ROWLETT, of Leicester, in the County of Leicester, Manufacturers, for an invention for—"Improvements in sewing-machines and in apparatus connected therewith." <i>Letters Patent sealed.</i>
MARSHALL. 2nd February 1861.	286. JAMES GARTH MARSHALL, of Headingley, in the Parish of Leeds, in the County of York, Flax Spinner, for an invention for—"Improvements in the treatment of flax, hemp and other fibres in various stages of preparation and manufacture." <i>Letters Patent sealed.</i>
LARUE. 4th February 1861.	287. JUST SEBASTIAN LARUE, Engineer, of Paris, in the Department of Seine, in the Empire of France, for an invention for—"A mode of greasing pistons and slide valves even in course of working, applicable to all sorts of machines having the same." <i>Provisional protection only.</i>
WALMSLEY. ROSTRON. 4th February 1861.	288. DAVID WALMSLEY, and JOHN ROSTRON, both of Disley, in the County of Chester, for an invention for—"Improvements in apparatus for providing against accidents in hoisting machinery, part of which improvements are applicable to railway carriage coupling links." <i>Letters Patent sealed.</i>
ABRAHAM. 4th February 1861.	289. JOHN ABRAHAM, of Birmingham, in the County of Warwick, Machinist, for an invention for—"An improvement or improvements in brass nails to be used in sheathing ships and for other like purposes." <i>Letters Patent sealed.</i>

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| <p>DE BALYON.
4th February 1861.</p> <p>HOWARTH.
4th February 1861.</p> <p>MORGAN.
4th February 1861.</p> <p>BROOMAN.
4th February 1861.</p> <p>MURRAY.
4th February 1861.</p> <p>BELDING.
5th February 1861.</p> <p>JEFFERY.
5th February 1861.</p> <p>WILLIAMS.
5th February 1861.</p> <p>PATON.
5th February 1861.</p> <p>WOOD.
5th February 1861.</p> <p>DIXON.
5th February 1861.</p> <p>LEEMING.
5th February 1861.</p> <p>PURDEY.
5th February 1861.</p> <p>HUGHES.
6th February 1861.</p> <p>DREVELLE.
6th February 1861.</p> <p>MARSDEN.
6th February 1861.</p> | <p>290. AUGUSTE EDOUARD CHATEAU DE BALYON, Gentleman, residing in Paris, 57, Faubourg Montmartre, for an invention for—"Improvements in the manufacture of woven fabrics."
<i>Letters Patent sealed.</i></p> <p>291. ROBERT HOWARTH, of Mount Pleasant, Bury New Road, Manchester, for an invention for—"Improvements in machinery for raising pile on woollen, cotton and other fabrics."
<i>Letters Patent sealed.</i></p> <p>292. EDWARD CHARLES MORGAN, of Norwich, for an invention for—"Improvements in carriage building."
<i>Provisional protection only.</i></p> <p>293. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in carving or figuring wood."—<i>A communication to him from abroad by Emile Constant Adrien Bréhon, of Paris.</i>
<i>Provisional protection only.</i></p> <p>294. JOHN MURRAY, of Whitehall Place, London, Gentleman, for an invention for—"Improvements in railway carriages."
<i>Provisional protection only.</i></p> <p>295. GEORGE WASHINGTON BELDING, of No. 3, Moor Lane, Cripplegate, in the City of London, Manager of the business of Messieurs Thomson & Company, of the same place, Crinoline Manufacturers, for an invention for—"Improvements in skeleton petticoats."—<i>The result partly of a communication made to him by William Sparks Thomson, a person resident at No. 336, Broadway, New York, in the United States of America, and partly of invention and discovery made by him.</i>
<i>Provisional protection only.</i></p> <p>296. RICHARD JEFFERY, of Guildford, in the County of Surrey, Gunmaker, for an invention for—"An improved tumbler lever and body applicable to double and single breech loading guns."
<i>Provisional protection only.</i></p> <p>297. GEORGE WILLIAMS, of Liverpool, in the County of Lancaster, Furnace Engineer, for an invention for—"Improvements in the construction of charcoal and other kilns."
<i>Letters Patent sealed.</i></p> <p>298. WILLIAM PATON, of Johnstone, in the County of Renfrew, North Britain, Manufacturer, for an invention for—"Improvements in coating, coloring and glazing or finishing laces, bands, straps, belts and other similar articles, and in the machinery or apparatus employed therein." <i>Disclaimed.</i> <i>Letters Patent sealed.</i></p> <p>299. JOSEPH THOMAS WOOD, of the Strand, in the County of Middlesex, Embosser, for an invention for—"An improvement in open work fabrics suitable for ladies' collars, cuffs and such like articles, and for purposes for which perforated paper and cardboard are employed."
<i>Provisional protection only.</i></p> <p>300. CAPTAIN HENRY DIXON, of H.M. 22d Regiment of Madras Native Infantry, of 8, Park End, Sydenham, in the County of Kent, for an invention for—"Improvements in apparatus for signalling in railway trains."
<i>Provisional protection only.</i></p> <p>301. JOHN LEEMING, of North Holme Mill, Bradford, in the County of York, Machine Maker, for an invention for—"Improvements in looms."
<i>Letters Patent sealed.</i></p> <p>302. JAMES PURDEY, of 314½, Oxford Street, in the County of Middlesex, Gun Maker, for an invention for—"Improved apparatus for ramming and turning over breech loading cartridges."
<i>Letters Patent sealed.</i></p> <p>303. EDWARD THOMAS HUGHES, of the firm of Hughes and Son, Patent Agents, 123, Chancery Lane, London, for an invention for—"Improvements in shuttles for weaving."—<i>A communication to him from abroad by Monsieur Philibert Alexis Trambouze, Merchant, of Thizy, département du Rhone, in the Empire of France.</i>
<i>Letters Patent sealed.</i></p> <p>304. ADOLPHE DREVELLE, of the City of Manchester, in the County of Lancaster, Merchant, for an invention for—"Improvements in machinery or apparatus for folding and measuring woven or textile fabrics, paper and other materials, and for introducing cards into the folds ready for the press."
<i>Letters Patent sealed.</i></p> <p>305. JOHN MARSDEN, of Orrell, near Wigan, in the County of Lancaster, Screw Bolt Manufacturer, for an invention for—"Improved machinery or apparatus for making, forging and punching metal nuts, bolts, spikes, or washers."
<i>Provisional protection only.</i></p> |
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GEE. 6th February 1861.	306. THOMAS GEE, of the Town and County of the Town of Nottingham, Engineer and Brass and Iron Founder, for an invention for—"The production of a new composition or compositions of which refuse leather is the chief ingredient, and manufacturing therefrom articles of utility plain or ornamented." <i>Letters Patent sealed.</i>
BOURCIER. ALLAN. 6th February 1861.	307. CLAUDE MARIE JULES BOURCIER, of Paris, France, Gentleman, and THOMAS ALLAN, of Adelphi Terrace, in the City of Westminster, Civil Engineer, for an invention for—"Treating certain animal sinews in order to convert them into fibres or threads, preparing such threads or fibres to prevent decomposition, and the employment of the threads or fibres alone or mixed with other fibres for all purposes for which fibres are now used." <i>Provisional protection only.</i>
FORBES. 6th February 1861.	308. CHARLES WENTWORTH FORBES, of Southampton, Gentleman, for an invention for—"An improvement in rests for rifles and other small arms." <i>Letters Patent sealed.</i>
CLARK. 6th February 1861.	309. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in preserving animal substances."— <i>A communication to him from abroad by Mr. Camille Guillaume Michel Magneval, of 29, Boulevard St. Martin, Paris, Chemist. Letters Patent sealed.</i>
ROBERTSON. 6th February 1861.	310. ANDREW JOHN ROBERTSON, of 26, Parliament-street, Westminster, for an invention for—"Improvements in the construction of ships and vessels." <i>Provisional protection only.</i>
BEESLEY. 7th February 1861.	311. JOHN BEESLEY, of the City of Coventry, in the County of Warwick, Machinist, for an invention for—"Improvements in looms used in the manufacture of ribbons and other fabrics." <i>Letters Patent sealed.</i>
WILSON. 7th February 1861.	312. JOHN WILLIAM WILSON, of the Beevor Saw Mills, near Barnsley, in the County of York, Timber Merchant, for an invention for—"Improvements in steam-boilers and in seatings for the same." <i>Provisional protection only.</i>
BOYD. 7th February 1861.	313. JAMES EDWARD BOYD, of Hither Green, Lewisham, in the County of Kent, Gentleman, for an invention for—"Improvements in the manufacture and preparation of paper and in the method of printing and otherwise preparing the same." <i>Provisional protection only.</i>
DREVELLE. 8th February 1861.	314. ADOLPHE DREVELLE, of the City of Manchester, in the County of Lancaster, Merchant, for an invention for—"Improvements in embroidering or ornamenting woven fabrics, felts or other similar materials." <i>Letters Patent sealed.</i>
BLEZARD. BLEZARD. 8th February 1861.	315. THOMAS BLEZARD, and JAMES BLEZARD, of Padiham, in the County of Lancaster, Machinists, for an invention for—"Improvements in self-acting temples." <i>Letters Patent sealed.</i>
STARK. 8th February 1861.	316. MICHAEL JOHN STARK, of the City of Norwich, Chemist, Merchant and Dyer, for an invention for—"Improvements in the preparation of coloring matters for dyeing, staining or printing fabrics, stuffs and yarns of cotton, silk or wool, or such like substances." <i>Letters Patent sealed.</i>
BANKS. MORGAN. 8th February 1861.	317. THOMAS BANKS, of Kidderminster, in the County of Worcester, Manufacturer, and THOMAS MORGAN, of Kidderminster aforesaid, Manufacturer, for an invention for—"An improvement or improvements in coating sheets or plates of iron with lead or tin or alloys of lead and tin." <i>Letters Patent sealed.</i>
PEAKE. 8th February 1861.	318. BENJAMIN PEAKE, of Coventry, in the County of Warwick, Manufacturer, for an invention for—"An improvement in or addition to brocaded silk fabrics." <i>Provisional protection only.</i>
HARRILD. HARRILD. 8th February 1861.	319. ROBERT HARRILD, and HORTON HARRILD, of Farringdon Street, in the City of London, Printers' Composition Roller Manufacturers, for an invention for—"Improvements in apparatuses for printing addresses for newspapers and other similar purposes." <i>Letters Patent sealed.</i>
M'TURK. 8th February 1861.	320. ROBERT MURRAY M'TURK, of Liverpool, in the County of Lancaster, Collar Manufacturer, for an invention for—"An improved construction of neck tie and attachment therefor." <i>Provisional protection only.</i>
STORM. 8th February 1861.	321. WILLIAM MONTGOMERY STORM, of New York, in the United States of America, Mechanical Engineer, for an invention for—"Improvements in the construction of ordnance and of projectiles to be used in ordnance." <i>Letters Patent sealed.</i>

- BRANSCOMBE.
8th February 1861. 322. JOHN BRANSCOMBE, of Noel Street, Islington, in the County of Middlesex, for an invention for—"Improvements in telegraph cables." *Letters Patent sealed.*
- MORRIS.
8th February 1861. 323. WILLIAM MORRIS, junior, of the Kent Water Works, Deptford, in the County of Kent, for an invention for—"Improvements in valves." *Letters Patent sealed.*
- GRIMSHAW.
9th February 1861. 324. O'DONNELL GRIMSHAW, of Belfast, Postmaster, for an invention for—"Improvements in locks." *Provisional protection only.*
- FREYSTADT.
9th February 1861. 325. HERMANN FREYSTADT, of 16, Broad Street Buildings, in the City of London, Cap Manufacturer, for an invention for—"Improvements in the manufacture of bodies for caps, hats, bonnets, baskets, bags and reticules, and other similar articles of light work." *Provisional protection only.*
- RICHARDSON.
9th February 1861. 326. CHARLES JAMES RICHARDSON, of No. 34, Kensington Square, in the County of Middlesex, Fellow of the Royal Institute of British Architects, for an invention for—"Improvements in the armour or metal covering for iron cased ships of war." *Letters Patent sealed.*
- WITHERS.
9th February 1861. 327. HICKS WITHERS, of Dundalk, Ireland, Veterinary Surgeon in Her Majesty's Royal Artillery, for an invention for—"Improvements in horse-shoes." *Letters Patent sealed.*
- JARRETT.
9th February 1861. 328. GRIFFITH JARRETT, of No. 37, Poultry, in the City of London, for an invention for—"An improved apparatus applicable for marking linen and for other printing and stamping purposes." *Letters Patent sealed.*
- KER.
9th February 1861. 329. DAVID KER, of Plymouth, in the County of Devon, Superintendent of Works, for an invention for—"Improvements in the construction of submarine telegraphic cables and in the means of protecting the same from undue strain or wear and tear." *Provisional protection only.*
- JULLION.
9th February 1861. 330. JOHN LOUIS JULLION, Chemist, Tynemouth, Northumberland, for an invention for—"Improvements in the treatment of soda waste and sulphurets." *Letters Patent sealed.*
- HIGGINS.
9th February 1861. 331. JAMES HIGGINS, of Salford, in the County of Lancaster, Machine Maker, and THOMAS SCHOFIELD WHITWORTH, of the same place, Manager, for an invention for—"Improvements in machinery or apparatus for preparing cotton and other fibrous materials for spinning." *Letters Patent sealed.*
- LOCKWOOD.
9th February 1861. 332. JOHN LOCKWOOD, of Dudley Hill, near Bradford, in the County of York, Mechanic, for an invention for—"Improvements in healds for weaving fibrous materials and in machinery for making the same." *Letters Patent sealed.*
- WHILE.
9th February 1861. 333. CHARLES WHILE, of Pontyprydd, in the County of Glamorgan, Engineer and Roll Turner, for an invention for—"Improved rolling machinery for rolling iron and other metals." *Letters Patent sealed.*
- JENNINGS.
9th February 1861. 334. JOSIAH GEORGE JENNINGS, of Holland Street, Blackfriars, in the County of Surrey, for an invention for—"Improvements in capsules or covers for the necks or ends of jars, bottles and other vessels, and hollow tubes or bodies." *Letters Patent sealed.*
- LEIDEMANN.
9th February 1861. 335. AUGUSTUS LEIDEMANN, and THEODORE LANGE, both of Newcastle-upon-Tyne, Merchants, for an invention for—"The manufacture of sub or oxi sulphate of lead."—*A communication to them from abroad by Mr. Ludwig Brumlen, of New York.* *Letters Patent sealed.*
- LOUCH.
11th February 1861. 336. HENRY LOUCH, of Love Lane, Shadwell, London, Rope Manufacturer, for an invention for—"Improvements in the manufacture or spinning of yarns or threads from hemp, flax, cotton or other fibrous materials, and in the apparatus employed therein." *Provisional protection only.*
- GERVAISE.
11th February 1861. 337. EUGENE GERVAISE, and JOSEPH EMILE BERNIER, of Paris, in the French Empire, Merchants, for an invention for—"Improvements in the manufacture of artificial leather or a substitute for leather." *Provisional protection only.*
- MENNONS.
11th February 1861. 338. MARC ANTOINE FRANCOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"Improvements in the heating and cooling surfaces of engines propelled by aeriform fluids."—*A communication from Auguste Casimir Lehot, a person resident at Valognes.* *Letters Patent sealed.*

MENNONS. 11th February 1861.	339. MARC ANTOINE FRANCOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"Improvements in the construction of steam generators employed for heating, drying, evaporating and other purposes."— <i>A communication from Julien Fradet, a person resident at Paris.</i> <i>Letters Patent sealed.</i>
MENNONS. 11th February 1861.	340. MARC ANTOINE FRANCOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"Improvements in the construction of certain kinds of breech loading firearms."— <i>A communication from Charles Joseph Ferdinand Comte de Jouffroy d'Abbans, a person resident at Abbans-dessous, (France.)</i> <i>Provisional protection only.</i>
NEWTON. 11th February 1861.	341. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in floating structures."— <i>A communication to him from abroad by Thomas Schofield and Robert Schofield, of Grass Valley, County of Nevada, California, United States of America.</i> <i>Letters Patent sealed.</i>
NEWTON. 11th February 1861.	342. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in machinery for preparing hemp and similar fibrous materials."— <i>A communication to him from abroad by Joseph Compton Todd and Philip Rafferty, of Paterson, County of Passaic, and State of New Jersey, in the United States of America.</i> <i>Letters Patent sealed.</i>
CLARKE. 11th February 1861.	343. WILLIAM SAINT THOMAS CLARKE, of No. 29, Charing Cross, Gentleman, for an invention for—"A railway break."— <i>Provisional protection only.</i>
BAKER. 11th February 1861.	344. HENRY BAKER, of Glasgow, in the County of Lanark, Timber Merchant, for an invention for—"Improvements in the manufacture of lucifer matches."— <i>Provisional protection only.</i>
JOHNSON. 11th February 1861.	345. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in the construction and arrangement of bearings and grease boxes for shafts and axles, applicable also to the bosses of wheels."— <i>A communication to him from abroad by Jose Gallegos, of Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
THOMPSON. 11th February 1861.	346. NATHAN THOMPSON, of Abbey Garden, St. John's Wood, in the County of Middlesex, for an invention for—"Improvements in machinery for preparing wood for boat building and other uses."— <i>Letters Patent sealed.</i>
BROOMAN. 11th February 1861.	347. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Treating the tobacco plant in order to manufacture paper."— <i>A communication to him from abroad by Messrs. Michel Chominot and Picard, of Marseilles.</i> <i>Provisional protection only.</i>
BROOMAN. 11th February 1861.	348. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improved gas apparatus intended chiefly for lighting pipes, cigars and cigarettes."— <i>A communication to him from abroad by Pierre Duchamp, of Lyons, France.</i> <i>Provisional protection only.</i>
AGGIO. 11th February 1861.	349. GIOVANNI GIUSEPPE AGGIO, of Nevill's Court, in the City of London, and County of Middlesex, Stereotyper, for an invention for—"Improvements in stereotype plates and in machinery or apparatus for manufacturing the same."— <i>Letters Patent sealed.</i>
FRANKAU. 12th February 1861.	350. SIDNEY FRANKAU, of Bishopsgate Street Within, in the county of Middlesex, for an invention for—"An improved cigar or pipe rack which is also applicable for other purposes."— <i>Provisional protection only.</i>
OLDFIELD. 12th February 1861.	351. WILLIAM OLDFIELD, of Noble Street, St. Luke's, in the County of Middlesex, Writing and Dressing Case Manufacturer, for an invention for—"Improvements in writing and dressing cases."— <i>Letters Patent sealed.</i>
FRANKENSTEIN. 12th February 1861.	352. NATHAN FRANKENSTEIN, of Mincing Lane, in the City of London, for an invention for—"Improvements in syphons for drawing off liquids from casks and other vessels."— <i>A communication to him from abroad by Henri Cazades, of 42, Rue Barreyre, Bordeaux.</i> <i>Provisional protection only.</i>

PARKES. 12th February 1861.	353. ALEXANDER PARKES, of Birmingham, in the County of Warwick, for an invention for—"Improvements in electric telegraph conductors." <i>Provisional protection only.</i>
BOWRON. 12th February 1861.	354. JAMES BOWRON, of Stockton-on-Tees, for an invention for—"Improvements in the manufacture of bottles and other vessels of glass." <i>Letters Patent sealed.</i>
PARKES. 12th February 1861.	355. ALEXANDER PARKES, of Birmingham, in the County of Warwick, for an invention for—"Improvements in the manufacture of the fire-boxes of locomotive and other tubular boilers." <i>Provisional protection only.</i>
CORBETT. 12th February 1861.	356. WILLIAM CORBETT, of Clayton, near Manchester, in the County of Lancaster, Iron and Steel Manufacturer, for an invention for—"Improvements in the arrangement and construction of puddling and heating furnaces employed in the manufacture of iron and steel." <i>Letters Patent sealed.</i>
PRATER. 12th February 1861.	357. CHARLES PRATER, of the firm of Charles Prater and Company, of Charing Cross, in the County of Middlesex, Army Accoutrement Makers, for an invention for—"Improvements in slings or straps adapted for knapsacks, wallets, game bags and other such like uses." <i>Letters Patent sealed.</i>
MALTRY. 12th February 1861.	358. WILLIAM MALTRY, of De Crespigny Park, Camberwell, in the County of Surrey, Gentleman, for an invention for—"Improvements in the process of manufacturing a glutinous or viscous substance to be used in dressing textile fabrics and for other such like processes, or in brewing and distilling, and also in the apparatus to be used for the same and similar purposes." <i>Letters Patent sealed.</i>
NEWTON. 12th February 1861.	359. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in projectiles for ordnance and fire arms."— <i>A communication to him from abroad by Silas T. Burbanks, of the City and County of Providence, in the State of Rhode Island, United States of America.</i> <i>Provisional protection only.</i>
BROWN. 13th February 1861.	360. WILLIAM BROWN, of Edgar Place, James Street, Mile End, in the County of Middlesex, for an invention for—"Improvements in the manufacture of frames suitable for containing photographic and other portraits and pictures." <i>Letters Patent sealed.</i>
JONES. 13th February 1861.	361. EDEN THOMAS JONES, of Morden College, Blackheath, in the County of Kent, Gentleman, for an invention for—"The suppression of arsenical and sulphurous fumes emitted during the first operation or calcination of copper ores." <i>Provisional protection only.</i>
ELLISSEN. 13th February 1861.	362. ADOLF ELLISSEN, of Moorgate Street, in the City of London, Merchant, for an invention for—"Improved apparatus for working the breaks of railway trains." <i>Provisional protection only.</i>
BUTTERWORTH. 13th February 1861.	363. ELLIS BUTTERWORTH, of Calder College, Spotland, near Rochdale, in the County of Lancaster, Engineer, for an invention for—"Improvements in machinery for spinning and doubling cotton and other fibrous substances." <i>Provisional protection only.</i>
ATKINSON. 13th February 1861.	364. CHARLES FANSHAW ATKINSON, of Sheffield, in the County of York, Steel Manufacturer, for an invention for—"The application of steel or iron to the manufacture of collars and wristbands to be worn as articles of clothing." <i>Complete specification; Letters Patent sealed.</i>
ROSKILLY. 13th February 1861.	365. CHARLES SMITH ROSKILLY, of Falmouth, in the County of Cornwall, Brewer, for an invention for—"Improvements in refining malt liquors." <i>Letters Patent sealed.</i>
CRADOCK. 13th February 1861.	366. EDWARD CRADOCK, of High Holborn, in the County of Middlesex, Watch-maker, for an invention for—"Improved mechanism for improving the draught in open fireplaces, the same apparatus being applicable to deadening or extinguishing fires in such fireplaces." <i>Provisional protection only.</i>
CLARK. 13th February 1861.	367. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in sewing and embroidering machines."— <i>A communication to him from abroad by Louis Alphonse Maureau, of 29, Boulevard St. Martin, Paris, in the Empire of France, Engineer.</i> <i>Letters Patent sealed.</i>

LAWDEN. JONES. 13th February 1861.	368. THOMAS TIPPING LAWDEN, Copartner with Caleb Lawden, trading under the style or firm of Tipping and Lawden, Gun Manufacturers, of Birmingham, in the County of Warwick, and THOMAS JONES, Machinist, in the employ of the said firm, also of Birmingham, aforesaid, for an invention for—"Certain improvements in breech-loading fire-arms." <i>Letters Patent sealed.</i>
LAWSON. BARNES. LOACH. 13th February 1861.	369. CHARLES AUGUSTUS LAWSON, of Aston New Town, near Birmingham, in the County of Warwick, Gentleman, JOHN BOWEN BARNES, and JOHN LOACH, Japanner, both of Birmingham, aforesaid, for an invention for—"Certain improvements in projectiles applicable to the use of ordnance and small arms." <i>Provisional protection only.</i>
BLAKE. LINGHAM. NICKLIN. 13th February 1861.	370. JOSEPH STARLING BLAKE, of Portsca, in the County of Hants, Shopkeeper, and GEORGE CALLEY LINGHAM, and JOSEPH NICKLIN, trading under the style or firm of Charles Rowley and Company, Button Manufacturers, of Birmingham, in the County of Warwick, for an invention for—"Certain improvements in the means of or apparatus for holding or filing receipts, invoices and other papers or tickets, and which said means are also applicable for holding other articles such as fancy or other wares required to be held." <i>Letters Patent sealed.</i>
HENRY. 13th February 1861.	371. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in the construction of a certain description of castor and in apparatus for manufacturing certain parts of such castors, which apparatus may also be applied for producing rounded bodies for other purposes."— <i>A communication to him from abroad by Jean Baptiste Germain Clergeau, of 33, Boulevard Saint Martin, Paris, France.</i> <i>Provisional protection only.</i>
ROBERTS. 13th February 1861.	372. WILLIAM ROBERTS, of Millwall, Poplar, Engineer, for an invention for—"Improvements in portable or fire pumps and apparatus connected therewith." <i>Letters Patent sealed.</i>
POOLE. WRIGHT. HEMMING. SEARBY. 13th February 1861.	373. JOHN POOLE, JAMES WRIGHT, FREDERICK SHAND HEMMING, GEORGE SEARBY, all of 35, Morgate Street, City of London, Mining Engineers, for an invention for—"Improvements in drilling, boring or excavating rock or other earthy substances." <i>Letters Patent sealed.</i>
RIPLEY. STEVENSON. 13th February 1861.	374. ABRAHAM RIPLEY, of 42, Bridge Street, Blackfriars, City of London, and WILLIAM HENRY STEVENSON, of Duke Street, Adelphi, London, Engineers, for an invention for—"Improvements in the method of manufacturing and in the mode of constructing and forming pistons and piston-rods." <i>Letters Patent sealed.</i>
SEARBY. 14th February 1861.	375. GEORGE SEARBY, of Threadneedle Street, City of London, Merchant, for an invention for—"An improved steam gauge." <i>Letters Patent sealed.</i>
COBLEY. 14th February 1861.	376. THOMAS COBLEY, of Meerholz, in the Electorate of Hesse, Germany, Metallurgist, for an invention for—"Improvements in the manufacture of white lead, zinc white, and glazing or potters' lead." <i>Provisional protection only.</i>
DEVLAN. 14th February 1861.	377. PATRICK SARSFIELD DEVLAN, of Elizabethport, Union County, in the State of New Jersey, United States of America, for an invention for—"A new and useful bearing surface for all kinds of journal and axle boxes." <i>Letters Patent sealed.</i>
RIMMEL. 14th February 1861.	378. EUGENE RIMMEL, of 96, Strand, in the County of Middlesex, Wholesale Perfumer, for an invention for—"A new process for impregnating the atmosphere with perfuming or purifying vapours." <i>Letters Patent sealed.</i>
GARFORTH. 14th February 1861.	379. JAMES GARFORTH, of Dukinfield, in the County of Chester, Engineer, for an invention for—"Certain improvements in metallic pistons." <i>Letter Patent sealed; no specification filed.</i>
CUNNINGHAM. 14th February 1861.	380. HENRY DUNCAN PRESTON CUNNINGHAM, of Bury, near Gosport, for an invention for—"Improvements in sails and in the rig of ships and vessels." <i>Letters Patent sealed.</i>
NICOLET. 15th February 1861.	381. JEAN-BAPTISTE HONORÉ FÉLIX CAMILLE NICOLET, of Brussels, in the Kingdom of Belgium, for an invention for—"A new system of ornamenting skin gloves." <i>Provisional protection only.</i>
POULSON. 15th February 1861.	382. EBENEZER POULSON, of No. 3, Strathmore Terrace, Shadwell, in the County of Middlesex, for an invention for—"Improvements in velocipedes, applicable also for propelling carriages, barges and boats." <i>Provisional protection only.</i>

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| <p>PRENSLAN.
15th February 1861.</p> <p>WAINWRIGHT.
BRADBURY.
LAWTON.
15th February 1861.</p> <p>MANSBRIDGE.
15th February 1861.</p> <p>LECAT.
15th February 1861.</p> <p>SENIOR.
15th February 1861.</p> <p>BROWN-WESTHEAD
15th February 1861.</p> <p>BRAHAM.
16th February 1861.</p> <p>WALKER.
16th February 1861.</p> <p>BARRÉ.
BLONDEL.
16th February 1861.</p> <p>HORN.
16th February 1861.</p> <p>RÉAL.
16th February 1861.</p> <p>SETTLE.
16th February 1861.</p> <p>NUSSEY.
16th February 1861.</p> <p>WOMERSLEY.
18th February 1861.</p> <p>OFFORD.
18th February 1861.</p> <p>SCHÄFER.
18th February 1861.</p> | <p>383. MOSES ABRAHAM PRENSLAN, of Liverpool, in the County of Lancaster, Dentist, for an invention for—"Improved preparations for the cure and prevention of toothache and the preservation of teeth." <i>Letters Patent sealed.</i></p> <p>384. GEORGE JAMES WAINWRIGHT, CHARLES TIMOTHY BRADBURY, and JOHN LAWTON, all of Dukinfield, in the County of Chester, for an invention for—"Improvements in machinery or apparatus for roving, slubbing or spinning cotton and other fibrous materials." <i>Letters Patent sealed.</i></p> <p>385. WILLIAM HENRY MANSBRIDGE, of Camden Lodge, St. Paul's Road, Camden Town, for an invention for—"Improvements in railway brakes." <i>Provisional protection only.</i></p> <p>386. ADOLPHE LECAT, of Crevecoeur, in the Department of Oise, in the Empire of France, for an invention for—"Improvements in looms for weaving."—<i>A communication to him by Monsieur Francois Postel, resident at Doméliers, in said department of Oise, in the Empire of France.</i> <i>Letters Patent sealed.</i></p> <p>387. ALLEN SENIOR, of Dumfries, in the County of Dumfries, Manager for Messrs. Robert and Walter Scott, Manufacturers, for an invention for—"Improvements in looms for weaving." <i>Letters Patent sealed.</i></p> <p>388. MARCUS BROWN-WESTHEAD, of Manchester, in the County of Lancaster, Merchant, for an invention for—"Improvements applicable to the government or regulation and registration of excessive speed in hoisting apparatus and railway carriages." <i>Letters Patent sealed.</i></p> <p>389. JOHN BRAHAM, of Bristol, Optician, for an invention for—"Improvements in spectacles and hand frames." <i>Letters Patent sealed.</i></p> <p>390. JAMES WALKER, of Rhodes, near the City of Manchester, Engraver, for an invention for—"Improvements in the manufacture of soles for clogs and other coverings for the feet, and in the machinery employed therein." <i>Letters Patent sealed.</i></p> <p>391. ERNEST HENRY BARRÉ, and CHARLES MARY JOSEPH BLONDEL, Merchants, of Nantes, in the department of Loire Inferieure, in the Empire of France, for an invention for—"The manufacture of paper from a pulp obtained from wood and all other vegetable produce of a woody nature, by means of the isolation of the cellular fibres." <i>Letters Patent sealed.</i></p> <p>392. JAMES HORN, of Whitechapel High Street, in the County of Middlesex, Engineer, for an invention for—"Improvements in machinery or apparatus for the manufacture of bitumenized paper pipes and other similar articles." <i>Letters Patent sealed.</i></p> <p>393. LOUIS HENRI RÉAL, of Paris, in the French Empire, Doctor, for an invention for—"Improvements in weaving." <i>Provisional protection only.</i></p> <p>394. THOMAS SETTLE, of Bolton, in the County of Lancaster, Spindle Manufacturer, for an invention for—"A certain improvement in machinery or apparatus employed in preparing cotton, wool, flax and other fibrous substances for spinning." <i>Provisional protection only.</i></p> <p>395. NICHOLAS NUSSEY, of Holbeck, Leeds, in the County of York, Mechanic, for an invention for—"Improvements in machinery for preparing and combing wool, silk, cotton, flax or other fibrous substances." <i>Letters Patent sealed.</i></p> <p>396. JOSHUA WOMERSLEY, of the City of Norwich, British-Gum-maker, for an invention for—"Improvements in paper making machines." <i>Provisional protection only.</i></p> <p>397. ROBERT OFFORD, junior, of 79, Wells Street, Oxford Street, in the County of Middlesex, Carriage Builder, for an invention for—"Improvements in the adaptation of india-rubber and the compounds thereof to various parts of public and private carriages or vehicles." <i>Letters Patent sealed.</i></p> <p>398. FREDERICK SCHÄFER, of the Firm of P. and F. Schäfer, of Golden Square, in the County of Middlesex, Travelling Bag Manufacturers, for an invention for—"An improvement in travelling bags and in frames for the same." <i>Letters Patent sealed.</i></p> |
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JOHNSON. 18th February 1861.	399. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in sewing-machines."— <i>A communication to him from abroad by the Grover and Baker Sewing Machine Company, of New York, in the United States of America.</i> <i>Letters Patent sealed.</i>
BARNES. 18th February 1861.	400. EDMUND FORMAN BARNES, of the City and State of New York, United States of America, for an invention for—"Improvements in instruments or a combination of conductors and attachments for transmitting and recording messages in any form of letter or character by means of electricity or electro-magnetism acting either mechanically or chemically, and which invention may also be applied to the transmitting or copying figures as maps of any form of outline." <i>Letters Patent sealed.</i>
PRICE. 18th February 1861.	401. CYRUS PRICE, of Wolverhampton, in the County of Stafford, and ELIHU PRICE, of Perry Barr, in the County of Stafford, for an invention for—"Improvements in locks and latches." <i>Letters Patent sealed.</i>
CARTER. 19th February 1861.	402. ALFRED CARTER, of Langley Place, East India Road, Poplar, in the County of Middlesex, Ship Builder, for an invention for—"An improved stadium or telemeter." <i>Provisional protection only.</i>
HAWKINS. 19th February 1861.	403. JAMES BAILEY HAWKINS, of North Street, Limehouse, in the County of Middlesex, Plumber, for an invention for—"Improvements in the construction of cocks for drawing off liquids and vapours, and for regulating the flow or passage thereof." <i>Provisional protection only.</i>
BROWNING. 19th February 1861.	404. JOHN BROWNING, of the Minories, in the City of London, Optician, for an invention for—"Improvements in telescopes and in covers for the object glasses thereof." <i>Provisional protection only.</i>
BRIERLEY. 19th February 1861.	405. JOHN HENRY BRIERLEY, Small-Ware Manufacturer, of Stannary Works, Halifax, and 23½, Aldermanbury, London, for an invention for—"A clasp or fastener for belts, bands or straps, or for improvements contained therein." <i>Letters Patent sealed.</i>
PEDRICK. 19th February 1861.	406. THOMAS PEDRICK, of 8, Brighton Terrace, Brixton, in the County of Surrey, Machinist, for an invention for—"Improvements in obtaining and applying motive-power by water and in apparatus connected therewith." <i>Provisional protection only.</i>
PARIS. 19th February 1861.	407. MATTHEW PARIS, of Hill Side, Wimbledon, in the County of Surrey, for an invention for—"Improvements in fire-arms." <i>Provisional protection only.</i>
CLARK. 19th February 1861.	408. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in the preparation of alkaline and earthy cyanides."— <i>A communication to him from abroad by Mr. Louis Joseph Frederic Margueritte, Chemist, and Mr. Alfred Lalouët de Sourdeval, Proprietor, both of Paris.</i> <i>Letters Patent sealed.</i>
PIDDING. 19th February 1861.	409. WILLIAM PIDDING, of the Borough Road, Southwark, in the County of Surrey, Gentleman, for an invention for—"Improvements in envelopes and letters, and in the mode of securing them, also in the seals or seal impressions or wafers used for such purpose." <i>Provisional protection only.</i>
NEWTON. 19th February 1861.	410. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"An improved mode of coupling the rails of railways."— <i>A communication to him from abroad by Joseph M. Heard, of Prairie Station, Monroe County, State of Mississippi, United States of America.</i> <i>Letters Patent sealed.</i>
JULLION. 19th February 1861.	411. JOHN LOUIS JULLION, of Tynemouth, in the County of Northumberland, Chemist, for an invention for—"Improvements in the construction of the bearings and other rubbing surfaces of machinery."— <i>A communication to him from abroad by S. M. Saunders, of New York.</i> <i>Provisional protection only.</i>
NEWTON. 19th February 1861.	412. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in the construction of guns and in loading and firing the same."— <i>A communication to him from abroad by William M'Cord, Charles Foster Cox, and Robert Woodward, of New York, in the United States of America.</i> <i>Provisional protection only.</i>

BURCHELL. 19th February 1861.	413. RICHARD BUSH BURCHELL, of Brooklyn, in the County of Kings, and State of New York, United States of America, for an invention for—"An improvement in tighteners for the cords of curtains." <i>Provisional protection only.</i>
TURNER. 19th February 1861.	414. ARCHIBALD TURNER, of Leicester, Elastic Web Manufacturer, for an invention for—"Improvements in preparing warps for the manufacture of elastic fabrics." <i>Letters Patent sealed.</i>
HENRY. 19th February 1861.	415. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in furnaces."— <i>A communication to him from abroad by Jean Gérard Charles Tenbrinck, of 33, Boulevard Saint Martin, Paris, Engineer.</i> <i>Letters Patent sealed.</i>
NICOLL. 20th February 1861.	416. BENJAMIN NICOLL, Shirt-Maker, of 42, Regent Circus, Piccadilly, London, for an invention for—"An improved method of treating needles used in sewing and other machines, applicable also to those parts of such machines that hold the needles, and applicable to all other descriptions of needles and to scissors and to thimbles treated in like manner." <i>Complete specification; protection for six months only.</i>
WILKINS. 20th February 1861.	417. EDWARD WILKINS, of No. 8, Bath Terrace, Camberwell New Road, in the County of Surrey, Gentleman, for an invention for—"Improvements in the manufacture of boots, shoes and goloshes or other coverings for the feet, and in lasts or blocks for facilitating such manufacture." <i>Letters Patent sealed.</i>
SMITH. 20th February 1861.	418. CHARLES SMITH, of the City of Manchester, in the County of Lancaster, Salesman, for an invention for—"Improvements in machinery or apparatus for cutting or shaping soap or other similar materials." <i>Letters Patent sealed.</i>
VAVASSEUR. 20th February 1861.	419. JOSIAH VAVASSEUR, of 28, Gravel Lane, Southwark, in the County of Surrey, Engineer, for an invention for—"Improvements in steam generators or boilers." <i>Letters Patent sealed.</i>
HOLSTEAD. 20th February 1861.	420. THOMAS HOLSTEAD, of Botchergate, in the City of Carlisle, in the County of Cumberland, Confectioner, for an invention for—"Improvements in apparatus for the manufacture of certain articles of confectionery and biscuits and other articles from plastic substances." <i>Letters Patent sealed.</i>
SUTTON. 20th February 1861.	421. JAMES SUTTON, of Sheffield, in the County of York, Optician, for an invention for—"An improvement in the frames of spectacles." <i>Provisional protection only.</i>
PARSONS. 20th February 1861.	422. GEORGE PARSONS, of Martock, in the County of Somerset, Engineer, for an invention for—"Improvements in the construction of wheels." <i>Letters Patent sealed.</i>
HALSE. 20th February 1861.	423. WILLIAM HALSE, of the firm of Messrs. Brown, Davis and Halse, of Love Lane, in the City of London, Warehousemen and Manufacturers, for an invention for—"An improved construction of reel for velvet or other ribbons." <i>Letters Patent sealed.</i>
RICHARDSON. 20th February 1861.	424. THOMAS RICHARDSON, of Newcastle-upon-Tyne, for an invention for—"Improvements in the manufacture of manure." <i>Letters Patent sealed.</i>
LOUCH. 21st February 1861.	425. JOHN LOUCH, of 69, Fenchurch Street, London, Engineer, for an invention for—"Improvements in furnaces." <i>Provisional protection only.</i>
BLYTH. ADAIR. 21st February 1861.	426. FREDERICK DELACOURT BLYTH, of 113, Fenchurch Street, in the County of Middlesex, and JAMES ADAIR, of Crane Court, Fleet Street, in the County of Middlesex, for an invention for—"Improvements in machinery for forging nails and other articles."— <i>A communication to them from abroad by John Hood, of New York, in the United States of America.</i> <i>Letters Patent sealed.</i>
MASCHWITZ. 21st February 1861.	427. CHARLES MASCHWITZ, the younger, of Birmingham, in the County of Warwick, Merchant, for an invention for—"A new or improved tap or stopcock for liquids, steam and gas."— <i>A communication to him from abroad by Joseph Berger, of Biala, in Austrian Galicia.</i> <i>Provisional protection only.</i>
DUTILLEUL. 21st February 1861.	428. JULES DUTILLEUL, of Paris, Rue Saint Martin, 333, in the Department of Seine, Empire of France, Householder, for an invention for—"An improved alarm whistle applicable to steam-boilers and indicating the level of the water therein." <i>Provisional protection only.</i>

MOON. 21st February 1861.	429. JAMES MOON, of Bedford Row, in the County of Middlesex, Architect and Surveyor, for an invention for—"Improvements in means or apparatus for closing the passages of the chimneys from stoves and other fire-places." <i>Provisional protection only.</i>
MILLER. 21st February 1861.	430. JAMES JOHN MILLER (the younger), of Clarendon Place, Vassall Road, Brixton, in the County of Surrey, Gentleman, for an invention for—"Improvements in apparatus for governing or regulating the speed of steam and other engines and machines." <i>Letters Patent sealed.</i>
LONGSHAW. 21st February 1861.	431. JOHN LONGSHAW, of Manchester, in the County of Lancaster, Gentleman, for an invention for—"An improved method of applying breaks to the wheels of railway and other carriages." <i>Provisional protection only.</i>
NEWTON. 21st February 1861.	432. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in centrifugal governors for marine and other steam-engines and other motors."— <i>A communication to him from abroad by Charles Talbot Porter, of New York.</i> <i>Provisional protection only.</i>
NEWTON. 21st February 1861.	433. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in breaks applicable to railway carriages."— <i>A communication to him from abroad by Augustin Castelloi, of Saragossa, in the Kingdom of Spain.</i> <i>Letters Patent sealed.</i>
WATTS. HARTON. 21st February 1861.	434. JOSHUA JAMES WATTS, and SAMUEL HARTON, of 61, Shoe Lane, in the City of London, Pewterers, for an invention for—"Improvements in the manufacture of music plates." <i>Provisional protection only.</i>
EVANS. 21st February 1861.	435. DANIEL EVANS, of Stratford, in the County of Essex, Engineer, for an invention for—"Improvements in the manufacture of railway and other wheels." <i>Letters Patent sealed.</i>
WATSON. WATSON. 21st February 1861.	436. WILLIAM WATSON, and ALEXANDER WATSON, of Whitehaven, in the County of Cumberland, Engineers, for an invention for—"Improvements in machinery or apparatus for casting bullets." <i>Provisional protection only.</i>
JOHNSON. 21st February 1861.	437. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"The application of certain vegetable substances to the manufacture of paper pulp, and the mode of treating the same for that purpose."— <i>A communication to him from abroad by Charles Marie Gagnage, of Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
RIBTON. 21st February 1861.	438. HERBERT PANMURE RIBTON, of Dublin, Civil Engineer, for an invention for—"Improvements in safety apparatus for lighting mines." <i>Provisional protection only.</i>
LANG. 22nd February 1861.	439. BENOIT LANG, of Skinner Street, Snow Hill, in the City of London, India-Rubber Manufacturer, for an invention for—"Improvements in apparatus for feeding infants and invalids." <i>Letters Patent sealed.</i>
CROOKES. ROBERTS. 22nd February 1861.	440. AUSTIN CROOKES, and HENRY ROBERTS, of Sheffield, in the County of York, Steel and Saw Manufacturers, for an invention for—"An improvement in doctors, calico webs or scrapers used in the process of printing calicoes, muslins and other textile fabrics." <i>Provisional protection only.</i>
COLE. 22nd February 1861.	441. ARTHUR LOWRY COLE, of the United Service Club, Pall Mall, in the County of Middlesex, Colonel (late 17th Regt. Infy.) for an invention for—"Improvements in fire-arms." <i>Provisional protection only.</i>
MANNIX. 22nd February 1861.	442. JAMES BALL MANNIX, of 21, Torriano Grove, Kentish Town, London, Civil Engineer, for an invention for—"An improved method of applying springs to railway and other carriages." <i>Provisional protection only.</i>
PROSSOR. 22nd February 1861.	443. HENRY GRIFFITHS PROSSOR, of Waterford, Merchant, for an invention for—"Improvements in the mode of and apparatus for singeing the hairs from off the carcasses of pigs." <i>Letters Patent sealed.</i>
PROSSOR. 22nd February 1861.	444. HENRY GRIFFITHS PROSSOR, of Waterford, Merchant, for an invention for—"Improved apparatus to be used on the decks of ships for the purpose of separating chaff, straw, sand or other foreign substances from corn or other grain when it is being deposited in the holds for shipment." <i>Letters Patent sealed.</i>

- HATCHWELL.
HATCHWELL.
22nd February 1861. 445. HENRY HATCHWELL, of Newton Abbot, in the County of Devon, Upholsterer, &c., and SAMUEL BANFILL HATCHWELL, of London, in the County of Middlesex, Upholsterer, &c., for an invention for—"An improvement in stools or seats." *Letters Patent sealed.*
- TRUMAN.
22nd February 1861. 446. EDWIN THOMAS TRUMAN, of Old Burlington Street, in the County of Middlesex, Surgeon, for an invention for—"Improvements in masticators or machines employed in the mastication of gutta-percha, india-rubber and other similar substances." *Letters Patent sealed.*
- LAVATER.
22nd February 1861. 447. MANUEL LEOPOLD JONAS LAVATER, of Guildford Street, York Road, Lambeth, in the County of Surrey, for an invention for—"Improvements in the manufacture of pouches of india-rubber and india-rubber fabrics." *Letters Patent sealed.*
- HORWOOD.
22nd February 1861. 448. ALBERT HORWOOD, of No. 29, Great Quebec Street, New Road, in the Parish of Marylebone, in the County of Middlesex, Electric Engineer, for an invention for—"Improvements in the application of electricity for communicating by signals with carriages in motion on railways." *Letters Patent sealed.*
- REEVES.
22nd February 1861. 449. JOHN REEVES, of the City of New York, in the United States of America, for an invention for—"Improvements in electro-magnetic engines for obtaining and applying motive-power." *Letters Patent sealed.*
- WALKER.
22nd February 1861. 450. WILLIAM WALKER, of Liverpool, in the County of Lancaster, Patent Agent, for an invention for—"Improvements in rocket guns and rocket-harpoons and appendages to be used therewith."—*A communication to him from abroad by Thomas Welcome Roys, of Paterson, New Jersey, one of the United States of America, Master Mariner.* *Letters Patent sealed.*
- EYLAND.
22nd February 1861. 451. CHARLES EYLAND, of Walsall, in the County of Stafford, Manufacturer, for an invention for—"Improvements in the manufacture of certain kinds of spectacle frames." *Complete specification; Letters Patent sealed.*
- CUTHBERT.
CUTHBERT.
22nd February 1861. 452. ROBERT CUTHBERT, and WILLIAM CUTHBERT, both of Newton-le-Willows, near Bedale and Leeming, in the County of York, Agricultural Implement Manufacturers, for an invention for—"Improvements in reaping-machines and grass mowing-machines." *Letters Patent sealed.*
- BARCLAY.
22nd February 1861. 453. ANDREW BARCLAY, of Kilmarnock, in the County of Ayr, North Britain, Engineer, for an invention for—"Improvements in pumping engines." *Letters Patent sealed and specification filed by Order.*
- COOK.
22nd February 1861. 454. JAMES EDGAR COOK, of Greenock, in the County of Renfrew, North Britain, Booking Clerk, for an invention for—"Improvements in coating and protecting the silvered surfaces of looking-glasses or mirrors." *Letters Patent sealed.*
- MUSHET.
22nd February 1861. 455. ROBERT MUSHET, of Coleford, in the County of Gloucester, Metallurgist, for an invention for—"An improvement or improvements in the manufacture of cast steel." *Letters Patent sealed.*
- MARTIN.
23rd February 1861. 456. JAMES MARTIN, of 10, Church Row, Limehouse, in the County of Middlesex, Chemist, for an invention for—"Improvements in the preparation of red dyes." *Provisional protection only.*
- STEVENS.
23rd February 1861. 457. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"An improved method of unhooking in jacquard machines."—*A communication to him from abroad by Stefano Pettaluga, of 42, Rue Laffitte, Paris, in the Empire of France.* *Letters Patent sealed.*
- STEVENS.
23rd February 1861. 458. CHARLES STEVENS, of the British and Foreign Office for Patents, 31, Charing Cross, in the County of Middlesex, for an invention for—"An improved elastic horse-collar."—*A communication to him from abroad by Amedée Beaujouan, of 42, Rue Laffitte, Paris, in the Empire of France.* *Letters Patent sealed.*
- HERBELOT.
23rd February 1861. 459. ARMAND LOUIS ANDRÉ HERBELOT, of Paris, in the French Empire, Manufacturer, for an invention for—"Machinery for reducing wood into chips or shavings." *Provisional protection only.*
- MACKENZIE.
23rd February 1861. 460. HUGH MACKENZIE, of Andross and Dundonnell, in the County of Ross, North Britain, Landed Proprietor, for an invention for—"Improved means of applying the water of rivers for driving mills, without weirs or other obstruction to the passage of salmon and other fish." *Provisional protection only.*

WYATT. 23rd February 1861.	461. JOHN WILLIAM WYATT, of the firm of Messrs. Wyatt and Company, of Bunhill Row, Finsbury, in the County of Middlesex, for an invention for—"Improvements in coating or covering metallic springs or bands for crinolines and other articles of dress." <i>Provisional protection only.</i>
MEYERS. 23rd February 1861.	462. MICHAEL MEYERS, of Great Alie Street, in the County of Middlesex, Umbrella and Parasol Manufacturer, for an invention for—"Improvements in woven fabrics." <i>Provisional protection only.</i>
WARD. GASKELL. 23rd February 1861.	463. GEORGE WARD, Gold Plate and Thread Manufacturer, and JAMES GASKELL, Machine Maker, both of Blackburn, in the County of Lancaster, for an invention for—"Improvements in machinery or apparatus for making healds." <i>Letters Patent sealed.</i>
DURIEZ. EMSLEY. 23rd February 1861.	464. AUGUSTE DURIEZ, Fils, Worsted and Cotton Spinner, and SIDNEY EMSLEY, Manager, of Roubaix, in the Empire of France, for an invention for—"Improvements in machinery or apparatus for preparing fibrous materials to be combed or spun." <i>Letters Patent sealed.</i>
MASSEY. 23rd February 1861.	465. FRANÇOIS EDOUARD MASSEY, of 39, Rue de l'Echiquier, Paris, in the Empire of France, Mechanical Engineer, for an invention for—"Improvements in the construction of self-inking stamps for postal and other purposes." <i>Letters Patent sealed.</i>
BROOKE. 23rd February 1861.	466. WILLIAM O'SHAUGHNESSEY BROOKE, of Parliament Street, in the County of Middlesex, for an invention for—"Improvements in apparatus for suspending electric telegraph wires." <i>Provisional protection only.</i>
DUNLOP. 23rd February 1861.	467. JOHN MACMILLAN DUNLOP, of Manchester, Engineer, for an invention for—"Improvements in machinery suitable for cutting india-rubber fillets." <i>Letters Patent sealed.</i>
WARREN. 23rd February 1861.	468. JOSEPH WARREN, of Maldon, in the County of Essex, for an invention for—"Improvements in chaff-cutting machines." <i>Letters Patent sealed.</i>
POHL. 23rd February 1861.	469. LUDWIG POHL, of the firm of Eduard Posen and Company, of Offenbach, in Germany, Manufacturers, for an invention for—"Improvements in albums or books for holding photographs, engravings and other representations, and in binding together sheets or pieces of pasteboard or such like stiff materials, especially for the purpose of forming such albums or books."— <i>A communication to him from abroad by Paul Luz, of Offenbach, in Germany.</i> <i>Letters Patent sealed.</i>
SPENCER. 23rd February 1861.	470. THOMAS SPENCER, of Eccleston, near Prescott, in the County of Lancaster, Earthenware Manufacturer, for an invention for—"Improvements in apparatus for the manufacture of articles of earthenware and of other plastic materials." <i>Letters Patent sealed.</i>
ROBINSON. 23rd February 1861.	471. JOHN ROBINSON, of Rochdale, in the County of Lancaster, Timber Merchant, for an invention for—"Improvements in machinery commonly called log frames for sawing timber." <i>Letters Patent sealed.</i>
HINKS. 23rd February 1861.	472. JAMES HINKS, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"An improvement or improvements in glass chimneys for lamps with flat wicks." <i>Letters Patent sealed.</i>
MUSHET. 23rd February 1861.	473. ROBERT MUSHET, of Coleford, in the County of Gloucester, Metallurgist, for an invention for—"An improvement or improvements in the manufacture of cast steel." <i>Letters Patent sealed.</i>
PINCHBECK. 25th February 1861.	474. JOHN PINCHBECK, of Russell Street, Reading, in the County of Berks, Civil Engineer, for an invention for—"Improvements in glass water-gauges and pet-taps of steam-boilers." <i>Provisional protection only.</i>
SALLOWES. 25th February 1861.	475. CHARLES SALLOWES, of Maidstone, in the County of Kent, Agricultural Machinist, for an invention for—"Improving the action or motion of the Kent brush drill at present used in agriculture." <i>Provisional protection only.</i>
SMITH. 25th February 1861.	476. WILLIAM GALE SMITH, of Elizabethport, Union County, in the State of New Jersey, United States of America, for an invention for—"An improvement in the cutting apparatus of harvesters." <i>Provisional protection only.</i>

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| HENSON.
25th February 1861. | 477. WILLIAM FREDERICK HENSON, Civil Engineer, of 15, New Cavendish Street, Portland Place, in the County of Middlesex, for an invention for—"Improvements in springs."
<i>Letters Patent sealed.</i> |
| LEEMING.
25th February 1861. | 478. JAMES LEEMING, of Bradford, in the County of York, Machine Maker, for an invention for—"Improvements in jacquard engines."
<i>Letters Patent sealed.</i> |
| DRAY.
25th February 1861. | 479. WILLIAM DRAY, of Farningham, in the County of Kent, Engineer, for an invention for—"Improvements in fire-places."
<i>Letters Patent sealed.</i> |
| BARNES.
25th February 1861. | 480. EDMUND FORMAN BARNES, of the City and State of New York, United States of America, for an invention for—"An improvement in railway chairs and being a combined chair and splice."
<i>Letters Patent sealed.</i> |
| CLARK.
25th February 1861. | 481. GEORGE CLARK, of No. 11, Nicholl Square, in the City of London, Gentleman, for an invention for—"Improvements in the manufacture and mode of laying down submarine electro-telegraphic cables."
<i>Provisional protection only.</i> |
| CLARK.
25th February 1861. | 482. GEORGE CLARK, of No. 11, Nicholl Square, in the City of London, Gentleman, for an invention for—"An improved method of connecting and fastening together blocks, plates or slabs of wood, metal or any other material."
<i>Letters Patent sealed.</i> |
| BIGELOW.
25th February 1861. | 483. LUCIUS AURELIUS BIGELOW, of High Holborn, in the County of Middlesex, Gentleman, for an invention for—"Improved machinery for making boots and shoes."— <i>A communication to him from abroad by George Chandler Prior, of Duxbury, Massachussetts, United States of America.</i>
<i>Letters Patent sealed.</i> |
| HOWARD.
BOUSFIELD.
25th February 1861. | 484. JAMES HOWARD, Agricultural Engineer, and EDWARD TENNEY BOUSFIELD, Engineer, both of Bedford, for an invention for—"Improvements in the construction of windlasses and implements applicable to steam cultivation."— <i>Letters Patent sealed.</i> |
| BARLING.
25th February 1861. | 485. JOHN BARLING, of Belle Grange, in the County of Lancaster, Gentleman, for an invention for—"Improvements in the mode of applying engine power to wheels and other like instruments employed in producing locomotion whether by land or water."
<i>Provisional protection only.</i> |
| YOUNG.
25th February 1861. | 486. JAMES YOUNG, of Limefield, in the County of Edinburgh, North Britain, Esquire, for an invention for—"Improvements in apparatus for the treatment or distillation of bituminous substances."
<i>Letters Patent sealed.</i> |
| YOUNG.
25th February 1861. | 487. JAMES YOUNG, of Limefield, in the County of Edinburgh, North Britain, Esquire, for an invention for—"Improvements in heating apparatus."
<i>Provisional protection only.</i> |
| CORROY-REGNAULT.
25th February 1861. | 488. CHARLES CORROY-REGNAULT, of Margaret Street, Cavendish Square, in the County of Middlesex, Chymist, for an invention for—"Improvements in the manufacture of oils and in treating oils and fats for purposes of purifying, decolorizing, clarifying, and disinfecting them."
<i>Provisional protection only.</i> |
| ETTRICK.
26th February 1861. | 489. EDWARD ETTRICK, of North Hylton, near Sunderland, in the County of Durham, for an invention for—"Improvements in the construction of furnaces for the prevention or consumption of smoke."
<i>Provisional protection only.</i> |
| DAVIES.
26th February 1861. | 490. GEORGE DAVIES, of No. 1, Serle Street, Lincoln's Inn, in the County of Middlesex, and No. 28, St. Enoch Square, in the City of Glasgow, Civil Engineer and Patent Agent, for an invention for—"Improvements in mechanical beds for invalids, applicable also to tables for anatomical or surgical operations."— <i>A communication to him from abroad by Charles Augustin de Beriot, of Paris, France.</i>
<i>Letters Patent sealed.</i> |
| TIERNAN.
26th February 1861. | 491. ROBERT TIERNAN, of Liverpool, in the County of Lancaster, Pharmaceutical Chemist, for an invention for—"An improved apparatus for drawing liquid substances from vessels containing the same."
<i>Letters Patent sealed.</i> |
| JAMES.
26th February 1861. | 492. WILLIAM HENRY JAMES, of the Old Kent Road, in the County of Surrey, Civil Engineer, for an invention for—"Improvements in the means or apparatus for taking or catching of fish, parts of which improvements are applicable to propelling and to arresting the progress of ships and boats, and to the forming of communication therefrom to the shore."
<i>Letters Patent sealed.</i> |

BROOMAN. 26th February 1861.	493. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improved materials for and improvements in the manufacture of sugar moulds."— <i>A communication to him from abroad by Charles Emile André & Co., of Clichy, near Paris.</i> <i>Letters Patent sealed.</i>
PARISH. 26th February 1861.	494. WILLIAM PARISH, of the New North Road, Hoxton, County of Middlesex, Furniture Dealer, for an invention for—"Improvements in the construction of tobacco pipes." <i>Provisional protection only.</i>
PAGAN. WILLANS. 26th February 1861.	495. JOHN THOMSON PAGAN, and THOMAS BENJAMIN WILLANS, of Rochdale, in the County of Lancaster, Flannel Manufacturers, for an invention for—"An improvement in the manufacture of flannel." <i>Letters Patent sealed.</i>
BARTHOLF. 26th February 1861.	496. JOHN HENRY BARTHOLF, of King Street, Holborn, in the County of Middlesex, Gentleman, for an invention for—"An improved construction of rocking horse."— <i>The result partly of a communication from abroad made to him by Jesse Adams Crandall, of New York, in the United States of America, and partly of invention and discovery made by him.</i> <i>Provisional protection only.</i>
ORENSTEIN. 26th February 1861.	497. MORITZ ORENSTEIN, of the firm of Elphee and Orenstein, of Jewry Street, Aldgate, in the City of London, Wholesale Jewellers, for an invention for—"Improved means or apparatus for securing watches and preventing the surreptitious abstraction of such articles from the pockets or other parts of the dress of the wearer." <i>Provisional protection only.</i>
SIDEMAN. PHILLIPS. 26th February 1861.	498. LOUIS SIDEMAN, and SAMUEL PHILLIPS, of the City of Manchester, in the County of Lancaster, Hat, Cap and Bag Manufacturers, for an invention for—"Improvements in hats or coverings for the head." <i>Provisional protection only.</i>
JOHNSON. 26th February 1861.	499. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in forges."— <i>A communication to him from abroad by Martin Chretiennot commonly called Chretiennot-Radet, and Pierre Leon Rodet, both of Paris, in the Empire of France.</i> <i>Provisional protection only.</i>
WHALLEY. 27th February 1861.	500. WILLIAM WHALLEY, Engineer, of Granges, in the department of the Vosges, in the Empire of France, at present residing in the City of Manchester, for an invention for—"Certain improvements in machinery for carding cotton and other fibrous substances." <i>Letters Patent sealed.</i>
HUDSON. CATLOW. 27th February 1861.	501. WILLIAM HUDSON, of Burnley, in the County of Lancaster, Machinist, and CHRISTOPHER CATLOW, of the same place, Overlooker, for an invention for—"Certain improvements in power looms for weaving." <i>Provisional protection only.</i>
FOVEAUX. 27th February 1861.	502. HENRY JOSEPH FRANCIS HUBERT FOVEAUX, of the Strand, in the City of Westminster, Surgical Instrument Manufacturer, for an invention for—"Improvements in specula and in plugs used in connection therewith." <i>Provisional protection only.</i>
STEVENS. 27th February 1861.	503. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in chimneys."— <i>A communication to him from abroad by Mr. Desanges, of 42, Rue Laffitte, Paris, in the Empire of France.</i> <i>Provisional protection only.</i>
STEVENS. 27th February 1861.	504. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"Improved iron blinds."— <i>A communication to him from abroad by Marie Colombe Duclos, of No. 42, Rue Laffitte, Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
RANSOME. 27th February 1861.	505. FREDERICK RANSOME, of Ipswich, for an invention for—"Improvements in the manufacture of artificial stone and cement." <i>Provisional protection only.</i>
TAYLOR. 27th February 1861.	506. JOHN TAYLOR, JUNR., of Roupell Park, Streatham, in the County of Surrey, for an invention for—"Improvements in the construction of roofs for buildings and in the manufacture of tiles suitable for use for this and other purposes." <i>Letters Patent sealed.</i>
WHITGROVE. 27th February 1861.	507. JAMES TURNER WHITGROVE, of the City of Worcester, Carriage Builder, for an invention for—"Improvements in funeral or mourning carriages." <i>Provisional protection only.</i>

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| <p>HENRY.
27th February 1861.</p> <p>WEALLENS.
27th February 1861.</p> <p>HOYLE.
SPENCER.
HOLLAND.
28th February 1861.</p> <p>BRASIER.
28th February 1861.</p> <p>BAYLEY.
QUARMBY.
BURNS.
28th February 1861.</p> <p>HAY.
28th February 1861.</p> <p>LAING.
28th February 1861.</p> <p>WHITTAM.
28th February 1861.</p> <p>WILSON.
28th February 1861.</p> <p>NEWTON.
28th February 1861.</p> <p>BESLAY.
28th February 1861.</p> <p>THOMPSON.
28th February 1861.</p> <p>ROSE.
CROWDER.
28th February 1861.</p> <p>GALLOWAY.
GALLOWAY.
1st March 1861.</p> <p>MOTT.
1st March 1861.</p> | <p>508. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in photography."—<i>A communication to him from abroad by Gaspard Félix Tournachon called Nadar, Photographer, of Paris, France, (33, Boulevard St. Martin).</i>
<i>Provisional protection only.</i></p> <p>509. WILLIAM WEALLENS, of the Town and County of Newcastle-upon-Tyne, Engineer, for an invention for—"Improvements in steam-engines and boilers and in propelling and steering vessels."
<i>Letters Patent sealed.</i></p> <p>510. ROBERT HOYLE, of Bury, in the County of Lancaster, Machinist, HENRY SPENCER, of Rochdale, in the said County, Agent, and THOMAS HOLLAND, of Padiham, in the said County, Mule Spinner, for an invention for—"Improvements in machinery or apparatus for preparing and spinning of cotton wool and other fibrous substances."
<i>Provisional protection NOT granted.</i></p> <p>511. EDWARD BRASIER, of Victoria Road, Deptford, in the County of Kent, Engineer, for an invention for—"Improvements in machinery for treating flax, hemp, New Zealand flax, Spanish or China grass and other vegetable fibres."
<i>Letters Patent sealed.</i></p> <p>512. JOSEPH BAYLEY, of Staleybridge, in the County of Lancaster, Cotton Spinner, JOHN QUARMBY, of the same place, Manager, and EDWARD BURNS, of Manchester, in the County of Lancaster, Machinist, for an invention for—"Certain improvements in 'cop tubes' and in machinery or apparatus employed in the manufacture thereof."
<i>Letters Patent sealed.</i></p> <p>513. WILLIAM JOHN HAY, of Southsea, in the County of Hants, Experimental Chemist, for an invention for—"An improved glue or composition suitable for covering the caulking of ships and other like purposes, for uniting wood and other substances, for filling up seams, and for use as a waterproof glue or composition generally."
<i>Letters Patent sealed.</i></p> <p>514. ROBERT LAING, of Ince, near Wigan, in the County of Lancaster, Manufacturing Chemist, for an invention for—"Improvements in the treatment of certain ores containing metals and in obtaining products therefrom."—<i>Letters Patent sealed.</i></p> <p>515. ROBERT WHITTAM, of Accrington, in the County of Lancaster, Engineer, for an invention for—"Improved modes of heating the feed water of steam-boilers."
<i>Provisional protection only.</i></p> <p>516. JOSEPH WILSON, of Springfield Saw Mills, Manningham, near Bradford, in the County of York, Builder, for an invention for—"Improvements in means or apparatus employed in sawing wood."
<i>Letters Patent sealed.</i></p> <p>517. THOMAS NEWTON, of Long Acre, in the County of Middlesex, Saddler, for an invention for—"Improvements in the accoutrements of horse soldiers' and other saddles."
<i>Provisional protection only.</i></p> <p>518. CHARLES BESLAY, of Rue Menilmontant, Paris, in the Empire of France, Gentleman, for an invention for—"Improvements in the manufacture and renovation of woven fabrics."
<i>Letters Patent sealed.</i></p> <p>519. ROBERT THOMPSON, of New Charlton, in the County of Kent, Engineer, for an invention for—"Improved machinery for cutting or sawing wood, stone or any material capable of being cut or sawn by a rapid reciprocating motion of the cutting or sawing blades."
<i>Letters Patent sealed.</i></p> <p>520. WILLIAM ROSE, and THOMAS CROWDER, of Gun Dock, Wapping, Shipwrights, for an invention for—"Improvements in apparatus employed for raising and supporting ships and vessels."
<i>Letters Patent sealed.</i></p> <p>521. WILLIAM GALLOWAY, and JOHN GALLOWAY, both of Manchester, in the County of Lancaster, for an invention for—"Improvements in moulding wheels and other metal articles."
<i>Provisional protection only.</i></p> <p>522. JOHN WILLIAM MOTT, of Lea Bridge Road, Clapton, in the County of Middlesex, India-rubber Manufacturer, for an invention for—"Improvements in purses, bags, reticules, pocket-books, dressing-cases and other similar portable receptacles."
<i>Provisional protection only.</i></p> |
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TOLHAUSEN. 1st March 1861.	523. FREDERICK TOLHAUSEN, Civil Engineer and Patent Agent, of 35, Boulevard Bonne Nouvelle, Paris, in the Empire of France, for an invention for—"A new or improved machine for gathering and binding the sheaves or gavels of corn or other harvest produce, applicable to harvesting machines."— <i>A communication from Philippe Durand, Esq., a person resident at 35, Boulevard Bonne Nouvelle, Paris, aforesaid.</i> <i>Letters Patent sealed.</i>
DE ST. MARTIN. 1st March 1861.	524. HENRI RÉDA DE ST. MARTIN, of No. 44, Frith Street, Soho, in the County of Middlesex, Photographer, for an invention for—"An improved apparatus for indicating the names of railway stations to passengers." <i>Provisional protection only.</i>
HUGHES. 1st March 1861.	525. EDWARD THOMAS HUGHES, of the firm of Hughes and Son, Patent Agents 123, Chancery Lane, London, for an invention for—"Improvements in time pieces."— <i>A communication to him from abroad by Monsieur Philippe, of Paris, in the Empire of France.</i> <i>Provisional protection only.</i>
SMITH. CARRICK. 1st March 1861.	526. GEORGE SMITH, Ironfounder, and JAMES CARRICK, Hotel Proprietor, both of Glasgow, in the County of Lanark, North Britain, for an invention for—"Improvements in commodos or closets, and in bathing, washing and other sanatory apparatus." <i>Letters Patent sealed.</i>
HOWORTH. 1st March 1861.	527. ROGER HOWORTH, of Blackburn, in the County of Lancaster, Reed Maker, for an invention for—"Certain improvements in the manufacture of healds for weaving and in machinery or apparatus connected therewith." <i>Provisional protection only.</i>
SOVEREIGN. 1st March 1861.	528. LEVI LEMON SOVEREIGN, of 302, Strand, in the County of Middlesex, for an invention for—"An improved agricultural implement for cultivating land and for sowing seed."— <i>The result partly of a communication from abroad made to him by Guiden Huntington, of Noridgeville, County of Oxford, Canada West, and partly of invention and discovery made by himself.</i> <i>Letters Patent sealed.</i>
HENRY. 1st March 1861.	529. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in distilling and rectifying and in apparatus employed therein."— <i>A communication to from abroad him by Monsieur Ley, of 33, Boulevard St. Martin, Paris, France.</i> <i>Letters Patent sealed.</i>
BIRCH. MERTENS. 1st March 1861.	530. EUGENIUS BIRCH, of 43, Parliament Street, in the City of Westminster, Engineer, and HERMAN DIRS MERTENS, of Margate, in the County of Kent, Gentleman, for an invention for—"Improvements in the permanent way of railways." <i>Provisional protection only.</i>
ELLIS. STRINGER. BRADOCK. 2nd March 1861.	531. JOHN ELLIS, and JOHN STRINGER, both of Droylsden, in the County of Lancaster, Engineers, and JOHN BRADOCK, of the same place, Manager, for an invention for—"Certain improvements in apparatus for lubricating the piston rods, valve rods, pistons and valves of steam-engines, and other rods or shafts to which a to and fro motion is given." <i>Letters Patent sealed.</i>
IRVINE. 2nd March 1861.	532. ARCHIBALD KENNEDY IRVINE, of Glasgow, in the County of Lanark, North Britain, for an invention for—"Improvements in apparatus for stamping or marking letters or similar articles." <i>Provisional protection only.</i>
GRIFFITHS. 2nd March 1861.	533. ROBT. GRIFFITHS, of 69, Mornington Road, in the County of Middlesex, Engineer, for an invention for—"Improvements in the arrangements and construction of armour or iron clad steam or other ships." <i>Provisional protection only.</i>
HAIGH. ROBERTSON. 2nd March 1861.	534. THOMAS HAIGH, of Liverpool, in the County of Lancaster, Common Brewer, and ROBERT ADAM ROBERTSON, of the same place, Brewers' Engineer, for an invention for—"Improvements in apparatus applicable for boiling, cooling and fermenting malt liquors, part of which may be applied to other purposes." <i>Letters Patent sealed.</i>
HENDRY. 2nd March 1861.	535. WILLIAM HENDRY, Brickbuilder, residing at Number two hundred and twenty, Thistle Street, Hutesontown, of Glasgow, in the County of Lanark, for an invention for—"Improvements in the building of boilers and boiler flues for the consumption of smoke." <i>Provisional protection only.</i>
HUGHES. 2nd March 1861.	536. EDWARD JOSEPH HUGHES, of the City of Manchester, in the County of Lancaster, Patent Agent, for an invention for—"Certain improvements in knitting-machines."— <i>A communication to him from abroad by the McNary Knitting Machine Company, of the City and State of New York, U.S. of America.</i> <i>Provisional protection only.</i>

STEVENS.
2nd March 1861.

537. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"An ointment for the cure of sores."—*A communication to him from abroad by Marc Pène, of 42, Rue Laffitte, Paris, in the Empire of France.*
Letters Patent sealed.

WRIGHT.
2nd March 1861.

538. FREDERICK WRIGHT, of Graham Street, in the Borough of Leicester, Overlooker, for an invention for—"Improvements in circular knitting-frames or machines."
Provisional protection only.

SANDERSON.
2nd March 1861.

539. GEORGE GRANT SANDERSON, of Park Gate Iron Works, near Rotherham, in the County of York, for an invention for—"Improvements in furnaces used in the manufacture of armour plates for ships and other structures."
Letters Patent sealed.

CHAUSSENOT.
2nd March 1861.

540. JACQUES BERNARD CHAUSSENOT, of 2, Rue Sainte-Appoline, Paris, in the Empire of France, and of 4, South Street, Finsbury, London, Engineer, for an invention for—"An improved apparatus for drawing off smoke and gases."
Provisional protection only.

BOTTURI.
2nd March 1861.

541. SEBASTIANO BOTTURI, commonly called SEBASTIEN BOTTURI, of Islington, in the County of Middlesex, Engineer, for an invention for—"Improvements in apparatus for weaving."
Letters Patent sealed.

NEWTON.
2nd March 1861.

542. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improved machinery for folding paper."—*A communication to him from abroad by Daniel Francis Buckley, and Bradbury Poor Cilley, both of Manchester, in the State of New Hampshire, and United States of America.*
Letters Patent sealed.

SABEL.
4th March 1861.

543. EPHRAIM SABEL, of Moorgate Street, in the City of London, Merchant, for an invention for—"Improved apparatus to be used in the manufacture of paper, applicable also to controlling the motion of travelling webs and fabrics."—*A communication to him from abroad by F. Thiry, of Huy, in the Kingdom of Belgium, Engineer.*
Letters Patent sealed.

HADDAN.
4th March 1861.

544. JOHN COOPE HADDAN, of No. 14, Bessborough Gardens, Pimlico, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in and in the mode or modes of applying and securing the metal plates of armour plated ships or vessels and other armour plated structures."
Provisional protection NOT granted.

JAMES.
4th March 1861.

545. JOHN JAMES, of Princes Street, Leicester Square, in the County of Middlesex, for an invention for—"An improved instrument for sharpening slate-pencils, black-lead-pencils, lead-pencils, crayons and such like articles."
Letters Patent sealed.

DAVIES.
4th March 1861.

546. GEORGE DAVIES, of No. 1, Serle Street, Lincoln's Inn, in the County of Middlesex, and No. 28, St. Enoch Square, in the City of Glasgow, Civil Engineer and Patent Agent, for an invention for—"Improvements in planes."—*A communication to him from abroad by Joseph Vendrand, of Villers-Cotteret, Aisne, France.*
Letters Patent sealed.

EMERY.
4th March 1861.

547. SAMUEL ANDERSON EMERY, of Arundel Street, in the County of Middlesex, Comedian, for an invention for—"Improvements in portable apparatus for transporting locomotive engines and trains from one line of rails to another."
Provisional protection only.

MURPHY.
4th March 1861.

548. ROBERT MURPHY, of Crumlin Road, Belfast, in the County of Antrim, Machine Fitter, for an invention for—"Improvements in looms for weaving."
Provisional protection only.

HIRSCH.
4th March 1861.

549. HERMANN HIRSCH, of Berlin, in the Kingdom of Prussia, and of Bridge Road, Lambeth, in the County of Surrey, Civil Engineer, for an invention for—"Improvements in insulating and covering the conducting wires used for telegraphic purposes."
Letters Patent sealed.

WILSON.
4th March 1861.

550. GEORGE WILSON, junior, of Sheffield, Steel Manufacturer, for an invention for—"An improved construction of railway buffer."
Provisional protection only.

NEWTON.
4th March 1861.

551. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"An improved construction of hook for hook and eye fastenings."—*A communication to him from abroad by Alvin Childs Mason, Henry Hubbard Mason, and David McAllister Smith, of Springfield, Windsor County, in the State of Vermont, United States of America.*
Letters Patent sealed.

NEWTON.
4th March 1861.

552. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in machinery for making bullets."—*A communication to him from abroad by Richard Gornall and William John Hooper, of Baltimore, in the State of Maryland, and United States of America.*
Letters Patent sealed.

KAY.
KAY.
4th March 1861.

553. WILLIAM KAY, of Bolton-le-Moors, in the County of Lancaster, Cashier, and ISAAC KAY, of Lever Bridge, near Bolton-le-Moors, aforesaid, Doubler, for an invention for—"Improvements in machinery for doubling and double twisting yarn."
Letters Patent sealed.

PETITJEAN.
5th March 1861.

554. TONY PETITJEAN, of No. 4, Brydges Street, Covent Garden, in the County of Middlesex, Chemist, for an invention for—"Improvements in the manufacture of glass."
Letters Patent sealed.

SCOTT.
5th March 1861.

555. THOMAS SCOTT, of Newcastle, County Down, Ireland, for an invention for—"Improvements in the construction of roadways and tramways."
Provisional protection only.

WHITTAKER.
CLARE.
5th March 1861.

556. EDWIN WHITTAKER, Spinner and Manufacturer, and JEREMIAH CLARE, Carder, both of Hurst, in the County of Lancaster, for an invention for—"Improvements in machinery or apparatus for preparing cotton or other fibrous materials to be spun."
Letters Patent sealed.

HASELER.
5th March 1861.

557. WILLIAM HAIR HASELER, Jeweller, of 42, Vyse Street, Birmingham, Warwickshire, for an invention for—"Improvements in joints or hinges for jewellery and other articles having or admitting of metal joints or hinges, also for improvements in the manner or means of suspending such articles by or with such joints or hinges."
Letters Patent sealed.

CARTER.
5th March 1861.

558. JOHN MONEY CARTER, of Somerset House, Monmouth, in the County of Monmouth, Adjutant of the Royal Monmouthshire Militia, for an invention for—"Improvements in boots or other coverings for the feet."
Letters Patent sealed.

BIRKBECK.
5th March 1861.

559. GEORGE HENRY BIRKBECK, of the firm of Tongue and Birkbeck, of 34, Southampton Buildings, Chancery Lane, in the County of Middlesex, Patent Agents and Engineers, for an invention for—"Improvements in pistons for pumps, steam engines or other purposes."—*A communication to him from abroad by Narcisse Ponche, Manufacturer, Joseph Scellier, Locksmith, and Marie Pierre André Brasseur, Merchant, all of Paris, in the Empire of France.*
Letters Patent sealed.

BREARLEY.
5th March 1861.

560. ROBERT BREARLEY, the younger, of Batley, in the County of York, Manufacturer, for an invention for—"Improvements in treating woollen and union cloths for surface finish."
Letters Patent sealed.

ALCAN.
5th March 1861.

561. EMILE ALCAN, of Coleman Street Buildings, in the City of London, Gentleman, for an invention for—"A method of simultaneously marking and piercing or perforating plates of metal, cardboard, paper and other material employed in looms for weaving figured fabrics."—*A communication to him from abroad by Michel Alcan, of Paris.*
Letters Patent sealed.

HANSON.
5th March 1861.

562. CHARLES HANSON, of Haymarket, in the City of Westminster, Gun Maker, for an invention for—"An improved method of igniting or firing gunpowder, gun cotton and other like explosive compounds, in large and small fire-arms and ordnance, applicable also to the firing of explosive compounds generally." *Letters Patent sealed.*

NEWTON.
5th March 1861.

563. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improved machinery for forging horse shoe nails, spikes and other like articles."—*A communication to him from abroad by Benjamin A. Mason, of Newport, in the State of Rhode Island, and United States of America.*
Letters Patent sealed.

NEWTON.
5th March 1861.

564. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in the process of cementation."—*A communication to him from abroad by Alexandre Lemaire, of Paris, in the Empire of France.*
Letters Patent sealed.

NEWTON.
5th March 1861.

565. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"An improved fastening for buttons, studs, breast pins, brooches and other articles."—*A communication to him from abroad by W. Kuplenschmidt, of the City of New York.*
Letters Patent sealed.

- CORBETT.**
5th March 1861. 566. ANDREW GIBSON CORBETT, of Glasgow, in the County of Lanark, North Britain, Merchant, for an invention for—"Improvements in constructing and draining floors suitable for stables and other places." *Provisional protection only.*
- JOHNSON.**
5th March 1861. 567. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in apparatus for administering medicated and voltaic baths."—*A communication to him from abroad by Edmond Hiffelsheim, Gustave Hagen, and Paul Baudet, all of Paris, in the Empire of France.* *Provisional protection only.*
- ARBUCKLE.**
SCOTT.
6th March 1861. 568. GEORGE BENJAMIN VAUGHAN ARBUCKLE, of Charlton, Kent, Captain in H.M. Army, and THOMAS SCOTT, of Bedford Street, in the County of Middlesex, Land Agent, for an invention for—"An improvement in the locks of fire-arms." *Letters Patent sealed.*
- SILVER.**
GRIFFIN.
6th March 1861. 569. HUGH ADAMS SILVER, of Silvertown, in the County of Essex, Manufacturer, and HENRY GRIFFIN, of the same place, Engineer, for an invention for—"Improvements in the manufacture of insulators and other articles in india-rubber which are required to retain a shape once given to them, in curing hard rubber, ebonite or vulcanite goods, in moulding india-rubber articles, in the construction of cellular fabrics in india-rubber, and in forming articles partly of soft and partly of hard rubber or ebonite or vulcanite, and in varnishes for india-rubber goods." *Letters Patent sealed.*
- STATHAM.**
STATHAM.
6th March 1861. 570. JOSEPH STATHAM, of Salford, in the County of Lancaster, Blacksmith, and WILLIAM STATHAM, of Openshaw, in the County of Lancaster, Engineer, for an invention for—"Certain improvements in machinery or apparatus for mowing and reaping." *Provisional protection only.*
- MARTIN.**
DU TREMBLEY.
6th March 1861. 571. ANDRÉ DESIRÉ MARTIN, and PROSPER VERDAT DU TREMBLEY, of Rouen, France, Civil Engineers, for an invention for—"Improvements in apparatus for communicating sound-signals." *Provisional protection only.*
- ESKHOLME.**
6th March 1861. 572. GEORGE ESKHOLME, of Rotherham, in the County of York, Engineer, for an invention for—"Improvements in apparatus for regulating the supply of water to water closets, and for other purposes where an occasional or intermittent supply is required." *Letters Patent sealed.*
- HODGSON.**
6th March 1861. 573. JOSEPH HODGSON, of Back Lane, Newton Moor, Hyde, near Manchester, in the County of Lancaster, for an invention for—"Improvements in the pistons of steam-engines, and in the buckets and plungers for pumps." *Provisional protection only.*
- WILD.**
7th March 1861. 574. WILLIAM WILD, of Bury, in the County of Lancaster, Cotton Spinner, for an invention for—"Certain improvements in machinery or apparatus to be employed in the preparation of cotton and other fibrous materials for spinning, called slubbing frames and roving frames." *Provisional protection only.*
- WILEY.**
7th March 1861. 575. WILLIAM EDWARD WILEY, of No. 34, Great Hampton Street, Birmingham, in the County of Warwick, Gold Pen and Pencil Case Manufacturer, for an invention for—"An improvement or improvements in ornamenting surfaces." *Letters Patent sealed.*
- BRADE.**
7th March 1861. 576. ABRAHAM GERARD BRADE, of Paris, France, Civil Engineer, for an invention for—"Improvements in preserving animal or vegetable matters."—*The result partly of a communication made to him by Mr. G. Leuchs, a person residing at Nuremberg, Bavaria, and partly the result of invention and discovery made by him.* *Provisional protection only.*
- PIDDING.**
7th March 1861. 577. WILLIAM PIDDING, of the Borough Road, Southwark, in the County of Surrey, Gentleman, for an invention for—"Improvements in preserving the aroma and other properties of coffee and cocoa from the effects of the atmosphere." *Provisional protection only.*
- KENNEDY.**
7th March 1861. 578. WILLIAM SADLER KENNEDY, Dealer in Enamel Colours, 16, Talbot Terrace, Bayswater, in the County of Middlesex, for an invention for—"An improved method of and apparatus for imparting the motion of riding to wooden or metal horses, part of which is applicable to cradles and other similar appliances." *Letters Patent sealed.*

EVANS. 7th March 1861.	579. THOMAS WILLIAM EVANS, M.D., of No. 15, Rue de la Paix, in the City of Paris, Empire of France, for an invention for—"Improvements in telegraphic cables." <i>Letters Patent sealed.</i>
POUARD. 7th March 1861.	580. NICOLAS AUGUSTE POUARD, of Rue de l'orillon, No. 15 (Mechanician), Paris, for an invention for—"Improvements in breaks for railway rolling stock." <i>Provisional protection only.</i>
NEWTON. 7th March 1861.	581. WILLIAM EDWARD NEWTON, of the Office for Patents, C6, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in the manufacture of yarns or threads."— <i>A communication to him from abroad by Antoine Louis Warnery, of Lyons, in the Empire of France.</i> <i>Provisional protection only.</i>
EDWARDS. 7th March 1861.	582. JOHN EDWARDS, of Horace Terrace, Shepherdess Walk, in the County of Middlesex, for an invention for—"Improvements in the construction of carriage wheels." <i>Provisional protection only.</i>
HOLLANDS. 7th March 1861.	583. GEORGE HOLLANDS, of Rochester, County of Kent, Brewer, for an invention for—"Improvements in the mode of and apparatus used in the process of fermentation." <i>Provisional protection only.</i>
CLARK. 7th March 1861.	584. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in warping, dressing and finishing threads, and in apparatus for the same."— <i>A communication to him from abroad by Mr. Eugène Lebée, of 29, Boulevard St. Martin, Paris, in the Empire of France, Merchant.</i> <i>Provisional protection only.</i>
BRITTEN. 8th March 1861.	585. BASHLEY BRITTEN, of Barrington Road, Brixton, in the County of Surry, Gentleman, for an invention for—"Improvements in projectiles for rifled ordnance." <i>Letters Patent sealed.</i>
JOHNSON. 8th March 1861.	586. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in cravats or coverings for the throat and chest, and in the fastenings for the same, which fastenings are applicable to various other parts of dress."— <i>A communication to him from abroad by Monsieur Simon Hayen, senior, of Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
LEAKE. SHIELDS. 8th March 1861.	587. ROBERT LEAKE, junior, of the firm of Messieurs Joseph Lockett, Sons and Leake, of the City of Manchester, Engravers to Calico Printers, and WILLIAM SHIELDS, of the same place, Engineer, for an invention for—"Improvements in machinery for engraving, stamping or embossing cylinders and other surfaces used in printing and embossing fabrics and other materials." <i>Letters Patent sealed.</i>
COMTE. PREVOST. 8th March 1861.	588. EDWARD COMTE, and EDWARD PREVOST, of Chantilly, department of the Oise, in the Empire of France, Owners of Spinning Mills, for an invention for—"Improvements in the actual mode of scouring wools before and after the combing of the same." <i>Provisional protection only.</i>
DOURY. 8th March 1861.	589. PAUL DOURY, of the Town of Rethel, in the department of the Ardennes, in the Empire of France, a Municipal Councillor, for an invention for—"Improvements in rifled or smooth barrelled arms discharging projectiles forcibly propelled or not and loaded by the breech." <i>Provisional protection only.</i>
DAVENPORT. COLE. 9th March 1861.	590. THOMAS WILLIAM DAVENPORT, and SAMUEL COLE, of Moseley, in the Parish of King's Norton, and County of Worcester, Manufacturers, for an invention for—"Improvements in the manufacture of holders or handles for pens, pencils and artists or painters brushes." <i>Letters Patent sealed.</i>
WALKER. TILSON. 9th March 1861.	591. BENJAMIN WALKER, of Linton, in the County of Nottingham, Lace Manufacturer, and WILLIAM TILSON, of the same place, Draughtsman, for an invention for—"Improvements in machinery or apparatus for the manufacture of bobbin net or twist lace." <i>Letters Patent sealed.</i>
BARLOW. 9th March 1861.	592. HENRY BERNOULLI BARLOW, of the City of Manchester, Patent Agent, for an invention for—"Improvements in apparatus for preventing the explosion of steam boilers."— <i>A communication to him from abroad by Charles Voelckner, of Prague, in the Empire of Austria, Civil Engineer.</i> <i>Provisional protection only.</i>

- JACOB.
9th March 1861. 593. JOSEPH JACOB, of Brünn, in the Empire of Austria, but at present residing in Golden Square (W.), London, in the County of Middlesex, for an invention for—"Improvements in the mode of and apparatus for obtaining gas, and the application thereof for domestic, manufacturing and other purposes."—*A communication to him from abroad by Carl Preisenhammer and Carl Weniger, both of Töptau, in the Empire of Austria.*
Letters Patent sealed.
- MEYERS.
9th March 1861. 594. MICHAEL MEYERS, of Great Alie Street, in the County of Middlesex, Umbrella and Parasol Manufacturer, for an invention for—"Improvements in woven fabrics."
Provisional protection only.
- BUCKLAND.
9th March 1861. 595. WILLIAM HENRY BUCKLAND, of Barge Yard, Bucklersbury, in the City of London, Gentleman, for an invention for—"Improvements in the manufacture of iron."
Letters Patent sealed.
- FISHER.
11th March 1861. 596. JAMES CHARLES FISHER, of Padfield, in the County of Derby, Cotton Spinner, for an invention for—"Improvements in machinery or apparatus for preparing and spinning fibrous materials."
Letters Patent sealed.
- BUNNETT.
11th March 1861. 597. JOSEPH BUNNETT, of Deptford, in the County of Kent, Engineer, for an invention for—"Improvements in the manufacture of bricks and tiles, and in machinery for that purpose."
Letters Patent sealed and specification filed by Order.
- MATARAN.
11th March 1861. 598. PROSPER PIERRE MATARAN, of No. 60, Rue Lalande, in the City of Bordeaux, department of the Gironde, in the Empire of France, Ironsmith, for an invention for—"Improvements in the construction of casement or french windows."
Provisional protection only.
- MYERS.
11th March 1861. 599. ABRAHAM MYERS, of Hutchison Street, Houndsditch, in the County of Middlesex, for an invention for—"Improvements in the manufacture of boots particularly adapted for ladies' wear."
Provisional protection only.
- BAKER.
11th March 1861. 600. GEORGE WILLIAMS BAKER, of Park Nook, Quorndon, in the County of Derby, Land Agent, for an invention for—"Improved apparatus for arresting the progress of railway accidents."
Provisional protection only.
- JOHNSON.
11th March 1861. 601. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in life belts and swimming belts."—*A communication to him from abroad by Messieurs Torrillon, Verdier and Company, of Paris, in the Empire of France, Manufacturers.*
Provisional protection only.
- HUTCHINGS.
11th March 1861. 602. JOHN THOMAS HUTCHINGS, of Charlton, in the County of Kent, Boot and Shoe Manufacturer, for an invention for—"Improvements in the manufacture of boots, shoes and other coverings for the feet, and in tools for cutting the soles of such articles."
Letters Patent sealed.
- TILLIE.
11th March 1861. 603. WILLIAM TILLIE, of the City of Londonderry, Manufacturer, for an invention for—"Improvements in machinery for making frills."
Provisional protection only.
- HIRST.
HOLLINGWORTH.
11th March 1861. 604. JOHN HIRST, junior, of Dobcross, Saddleworth, in the County of York, Merchant, and JAMES HOLLINGWORTH, of the same place, Mechanic, for an invention for—"Improvements in means or apparatus employed in weaving."
Letters Patent sealed.
- TOMLINSON.
12th March 1861. 605. JAMES TOMLINSON, of Kegworth, in the County of Leicester, Saddler and Harness Maker, for an invention for—"An improved buckle plate or apparatus used for attaching and detaching horses when in harness, or for other purposes to which the same may be applicable."
Letters Patent sealed.
- STOCKER.
12th March 1861. 606. ALEXANDER SOUTHWOOD STOCKER, of Wolverhampton, in the County of Stafford, Manufacturer, for an invention for—"Improvements in the manufacture of rails for railways."
Provisional protection only.
- GRIFFITHS.
12th March 1861. 607. THOMAS FOXALL GRIFFITHS, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"Improvements in machinery for raising or shaping metals."
Letters Patent sealed.
- AERTS.
12th March 1861. 608. AUGUSTE AERTS, of the Place Verte, Anvers, Belgium, Engineer, for an invention for—"Improvements in apparatus for lubricating the moving parts of machinery."
Letters Patent sealed.

FREMENTIN. AUBONNET. 12th March 1861.	609. EDWARD FREMENTIN, and MARTIAL AUBONNET, both of Bordeaux, in the Departement of the Gironde, in the Empire of France, Gentlemen, for an invention for—"Improved apparatus for cutting wood for lucifer matches." <i>Provisional protection only.</i>
RIPAMONTI. 12th March 1861.	610. GRÉGOIRE LUCIEN RIPAMONTI, of Bordeaux, in the Empire of France, Optician to the Imperial Navy, for an invention for—"Improvements in the nautical compass." <i>Provisional protection only.</i>
PERRY. 12th March 1861.	611. WILLIAM PERRY, Roll Turner, of Wednesbury, in the County of Stafford, for an invention for—"Certain improvements in the manufacture of gun-barrels." <i>Letters Patent sealed.</i>
GRATRIX. 12th March 1861.	612. ROBERT HODGSON GRATRIX, of Salford, in the County of Lancaster, Dyer, for an invention for—"Improvements in dyeing and printing textile materials and fabrics." <i>Provisional protection only.</i>
SPENCER. 13th March 1861.	613. GEORGE SPENCER, Civil Engineer, of No. 6, Cannon Street West, London, for an invention for—"Improvements in india-rubber springs for railway and other uses." <i>Provisional protection only.</i>
FARREN. 13th March 1861.	614. JAMES FARREN, of Clapham, in the County of Surrey, Engineer, for an invention for—"Improvements in preventing incrustation in steam-boilers, in tanks for containing the feed for the same, and in bars for the furnaces thereof." <i>Provisional protection only.</i>
PEEK. 13th March 1861.	615. ALFRED PEEK, of the City of Manchester, Manufacturing Chemist, for an invention for—"Improvements in treating or preparing textile materials and fabrics." <i>Letters Patent sealed.</i>
GRUNDY. ANDREW. 13th March 1861.	616. BENJAMIN GRUNDY, of Ashton-under-Lyne, in the County of Lancaster, Engineer, and SAMUEL ANDREW, of Knowls Lane, near Lees, in the same County, Farmer, for an invention for—"Improvements in apparatus for lubricating the piston rods, pistons and cylinders of steam-engines and other frictional surfaces of machinery." <i>Provisional protection only.</i>
HEBSON. RAMSDEN. 13th March 1861.	617. DOUGLAS HEBSON, of Liverpool, in the County of Lancaster, Engineer, and WILLIAM GRANDAGE RAMSDEN, of the same place, Engineer, for an invention for—"Improvements in apparatus for obtaining fresh-water from salt-water." <i>Letters Patent sealed.</i>
WALKER. WALKER. 13th March 1861.	618. WILLIAM WALKER, and DAN WALKER, both of Lindley, in the County of York, Woollen Manufacturers, for an invention for—"Improvements in machinery for producing rovings or slubbings of wool or other fibres." <i>Provisional protection only.</i>
CIMEG. 13th March 1861.	619. JOHN CIMEG, of No. 162, Great Portland Street, in the County of Middlesex, for an invention for—"Improvements in silvering glass and other surfaces." <i>Letters Patent sealed.</i>
MUNTZ. 13th March 1861.	620. GEORGE FREDERICK MUNTZ, of the French Walls, near Birmingham, in the County of Warwick, for an invention for—"Improvements in sheathing iron ships or vessels." <i>Letters Patent sealed.</i>
SAULAY. 13th March 1861.	621. OCTAVE SAULAY, of Bordeaux, in the department of the Gironde, in the Empire of France, Gentleman, for an invention for—"Improvements in stopping or closing bottles, vases, cans and similar articles whether of glass, metal, or other material." <i>Provisional protection only.</i>
JULLION. 13th March 1861.	622. JOHN LOUIS JULLION, of Tynemouth, in the County of Northumberland, Chemist, for an invention for—"An improvement in the apparatus used in the manufacture of paper." <i>Letters Patent sealed.</i>
ASTON. 13th March 1861.	623. JAMES WOOD ASTON, of Cradley, in the County of Worcester, Manufacturer, for an invention for—"Improvements in the manufacture of vices." <i>Letters Patent sealed.</i>
JEFFREYS. 13th March 1861.	624. JULIUS JEFFREYS, of Norwood, in the County of Surrey, for an invention for—"Improvements in the construction of houses and footways." <i>Provisional protection only.</i>
JOYCE. 14th March 1861.	625. ARTHUR JOHN JOYCE, of Upper Gower Street, in the County of Middlesex, Gentleman, for an invention for—"Improvements in means for indicating and representing various meteorological or atmospherical phenomena or influences." <i>Letters Patent sealed.</i>

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| <p>COOMBE.
WRIGHT.
14th March 1861.</p> <p>PATTISON.
PATTISON.
14th March 1861.</p> <p>GEDGE.
14th March 1861.</p> <p>GEDGE.
14th March 1861.</p> <p>GAMMON.
14th March 1861.</p> <p>FRYER.
14th March 1861.</p> <p>ROESSLER.
14th March 1861.</p> <p>CLARK.
14th March 1861.</p> <p>WILSON.
14th March 1861.</p> <p>SIMMONS.
14th March 1861.</p> <p>HODSON.
14th March 1861.</p> <p>TRUMAN.
14th March 1861.</p> <p>PONTIFEX.
14th March 1861.</p> <p>HUNTER.
14th March 1861.</p> <p>MÉNARD.
14th March 1861.</p> | <p>626. JAMES CANE COOMBE, Chemist, and JAMES WRIGHT, Civil Engineer, both of 42, Bridge Street, Blackfriars, City of London, for an invention for—"Improvements in the means of preserving stones, bricks, slates, wood and other analogous materials from the action of atmospheric and other influences, and also in the manufacture of mortar, cement, artificial stone and such like substances."
<i>Letters Patent sealed.</i></p> <p>627. ROBERT THOMSON PATTISON, residing at Daldorch House, near Catrine, in the County of Ayr, and ADAM MONTEITH PATTISON, Drysalter, in Glasgow, for an invention for—"Improvements in the means and method of fixing colors in connection with the printing of woven fabrics and yarns." <i>Provisional protection only.</i></p> <p>628. WILLIAM EDWARD GEDGE, of the firm of John Gedge and Son, No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"An improved musical instrument, parts of which are applicable to organs, harmoniums and similar instruments."—<i>A communication to him from abroad by Bertrand Fuga, of Toulouse, in the Empire of France. Provisional protection only.</i></p> <p>629. WILLIAM EDWARD GEDGE, of the firm of John Gedge and Son, 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"Improved apparatus for saving life at sea or in other waters."—<i>A communication to him from abroad by Joseph Dauphin St. Supery, of Toulouse, in the Empire of France. Provisional protection only.</i></p> <p>630. CHARLES GAMMON, of Cloak Lane, City of London, Gentleman, for an invention for—"Improvements in the mode of forming ventilators."
<i>Letters Patent sealed.</i></p> <p>631. DANIEL FRYER, of Carlton Square, Old Kent Road, County of Surrey, Tanner, for an invention for—"Improvements in the construction of candlesticks and lamps in order to render them self-extinguishing." <i>Provisional protection only.</i></p> <p>632. FREDERICK ROESSLER, of Bird Street, St. George's in the East, in the County of Middlesex, Schoolmaster, for an invention for—"Improvements in apparatus or means for preventing locomotive engines and carriages leaving the rails." <i>Provisional protection only.</i></p> <p>633. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in bridges."—<i>A communication to him from abroad by Mr. Mathieu Castay, of Paris, in the Empire of France, Priest. Letters Patent sealed.</i></p> <p>634. JOHN HAYS WILSON, of the firm of John Hays Wilson and Company, of Liverpool, in the County of Lancaster, Brass Founders and Ships' Ironmongers, for an invention for—"Improvements in pumps." <i>Provisional protection only.</i></p> <p>635. GEORGE SIMMONS, of 40, Frederic Place, Hampstead Road, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in apparatus for making connections with gas and water mains." <i>Letters Patent sealed.</i></p> <p>636. WILLIAM HODSON, of Kingston Square, Hull, for an invention for—"Improvements in propelling and steering carriages and also ploughs and other agricultural implements." <i>Provisional protection NOT granted.</i></p> <p>637. EDWIN THOMAS TRUMAN, of Old Burlington Street, in the County of Middlesex, Surgeon, for an invention for—"Improvements in masticators or apparatuses for preparing gutta-percha, caoutchouc and other similar substances."
<i>Letters Patent sealed.</i></p> <p>638. EDMUND ALFRED PONTIFEX, of Shoe Lane, in the City of London, Engineer, for an invention for—"Improvements in charging tunneling or fermenting casks and vessels." <i>Letters Patent sealed.</i></p> <p>639. JAMES HUNTER, of Coltness Iron Works, Cambusnethan, in the County of Lanark, North Britain, Ironmaster, for an invention for—"Improvements in moulding and shaping metals." <i>Letters Patent sealed.</i></p> <p>640. AUGUSTIN FRANÇOIS MÉNARD, of No. 10, Rue de Strasbourg, in the City of Paris, in the Empire of France, for an invention for—"Improvements in tanning and in the apparatus employed therein."—<i>A communication from Yves Auguste Rehn, a person resident at Basseyutz, department of the Moselle, Empire of France, Sugar-baker. Provisional protection only.</i></p> |
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SAMUELSON. 15th March 1861.	641. BERNHARD SAMUELSON, of Banbury, in the County of Oxford, Engineer, for an invention for—"Improvements in machines for breaking up and cultivating land." <i>Letters Patent sealed.</i>
PHILLIPS. 15th March 1861.	642. JOHN ARTHUR PHILLIPS, of No. 12, Earls Court, Kensington, in the County of Middlesex, Civil Engineer, for an invention for—"Certain improvements in the manufacture of white lead and other salts of lead direct from ores containing carbonate of lead." <i>Letters Patent sealed and specification filed by order.</i>
BIGOURAT. 15th March 1861.	643. JULES BIGOURAT, of 2, Gloucester Place, Brixton Road, in the County of Surrey, for an invention for—"Improving the manufacture of harmoniums." <i>Provisional protection only.</i>
COLLINS. 15th March 1861.	644. WILLIAM COLLINS, of Sandon Street, Salford, in the County of Lancaster, Engineer and Brass Founder, for an invention for—"Improvements in water, steam and mercury gauges." <i>Provisional protection only.</i>
STEVENS. 15th March 1861.	645. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"An improved regulator for looms."— <i>A communication to him from abroad by Jean Jacques Moeckel, of 42, Rue Laffitte, Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
MARSON. 15th March 1861.	646. JOHN MARSON, of Livery Street, Birmingham, in the County of Warwick, Manufacturer, for an invention for—"Improvements in breech loading fire-arms and their projectiles." <i>Letters Patent sealed.</i>
GRIFFITHS. 15th March 1861.	647. THOMAS GRIFFITHS, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"An improvement or improvements in machinery or apparatus for signalling on railway trains." <i>Provisional protection only.</i>
GRANGER. 15th March 1861.	648. ARTHUR GRANGER, of Holborn, in the County of Middlesex, Stationer, for an invention for—"Improvements in the manufacture of hats, bonnets, waistcoats and trimmings for wearing-apparel." <i>Letters Patent sealed.</i>
DIXON. 15th March 1861.	649. GEORGE DIXON, of 26, Cecil Street, Strand, in the County of Middlesex, for an invention for—"Improvements in ploughs."— <i>A communication to him from abroad by Mr. Hautavoine, of Biermes, in the Empire of France.</i> <i>Provisional protection only.</i>
LORBERG. 15th March 1861.	650. WILLIAM LORBERG, of No. 34, Saint Mary at Hill, Eastcheap, in the City of London, for an invention for—"An improved process for obtaining and utilizing the chemical products of spent bark (commonly called "tan") and all other woody fibre, also improved apparatus to be employed therefor." <i>Letters Patent sealed.</i>
BURNETT. 15th March 1861.	651. CHARLES JOHN BURNETT, of Number twenty-one, Ainslie Place, in the City of Edinburgh, North Britain, Gentleman, for an invention for—"Improvements in the structure and construction of ordnance and other fire-arms and of projectiles to be used with them." <i>Letters Patent sealed.</i>
TRACHSEL. CLAYTON. 15th March 1861.	652. FREDERICK TRACHSEL, Chemical Engineer, and THOMAS CLAYTON, Machinist, both of the City of Manchester, in the County of Lancaster, for an invention for—"Improvements in the manufacture of gas and in the apparatus employed therein." <i>Letters Patent sealed.</i>
GREEN. GREEN. 15th March 1861.	653. ELY GREEN, and JOHN GREEN, of Broadfield Mill, Lockwood, near Huddersfield, in the County of York, Overlookers, for an invention for—"Improvements in carding-engines." <i>Letters Patent sealed.</i>
SMITH. 15th March 1861.	654. AUGUSTUS SMITH, of Brentwood, in the County of Essex, Brush Manufacturer, for an invention for—"Improvements in machinery for cleansing or dressing bass, flax and other vegetable fibres, applicable also to the thrashing of corn and other grain." <i>Letters Patent sealed.</i>
SCHNELL. 15th March 1861.	655. WILLIAM SCHNELL, of Fitzroy Square, County of Middlesex, Upholsterer, for an invention for—"Improvements in the mode of and apparatus for manufacturing lucifer matches." <i>Provisional protection only.</i>
DEAKIN. 15th March 1861.	656. JAMES DEAKIN, of Birmingham, in the County of Warwick, Architect, for an invention for—"Improvements in sash frames and sashes, and in balance weights to be used therewith, which said balance weights may be also employed with ordinary sashes or shutters or for any similar purpose." <i>Letters Patent sealed.</i>

- WATKINS.
15th March 1861. 657. JOHN WATKINS, of Birmingham, in the County of Warwick, Engineer, for an invention for—"Improvements in railway brakes." *Letters Patent sealed.*
- WARD.
15th March 1861. 658. HENRY ALFRED WARD, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"Improvements in apparatus for transmitting signals on railway trains." *Provisional protection only.*
- PENN.
15th March 1861. 659. JOSEPH PENN, of Newtown, in the County of Stafford, Engineer, for an invention for—"Improvements in whistles or water indicators for steam-boilers." *Provisional protection only.*
- PERKINS.
15th March 1861. 660. STANHOPE PERKINS, of Gorton Works, near the City of Manchester, in the County of Lancaster, Engineer, for an invention for—"Improvements in machinery or apparatus for drilling, boring and cutting metals." *Provisional protection only.*
- CLOUTMAN.
15th March 1861. 661. WILLIAM CLOUTMAN, of Calverton, in the County of Berks, Builders' Foreman, for an invention for—"Improvements in tanks or vessels for dairy use." *Provisional protection only.*
- KRUPP.
16th March 1861. 662. ALFRED KRUPP, of Essen, in the Kingdom of Prussia, Cast Steel Manufacturer, for an invention for—"Improvements in the construction of mortars, and in the means of attaching the same to the carriages used therewith." *Provisional protection only.*
- TAYLOR.
16th March 1861. 663. JOHN INGHAM TAYLOR, of Manchester, in the County of Lancaster, Civil and Mechanical Engineer, for an invention for—"Improvements in apparatus for the manufacture of gas from coal oil or oleaginous substances and other purposes." *Letters Patent sealed.*
- HOLDEN.
16th March 1861. 664. JOHN HOLDEN, of the City of Manchester, in the County of Lancaster, Engineer, for an invention for—"Improvements in looms and in apparatus connected therewith." *Letters Patent sealed.*
- DREVELLE.
16th March 1861. 665. ADOLPHE DREVELLE, of the City of Manchester, in the County of Lancaster, Merchant, for an invention for—"Improvements in presses for pressing or finishing textile fabrics." *Letters Patent sealed.*
- STEVENS.
16th March 1861. 666. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"Improved agricultural implements."—*A communication to him from abroad by Louis Jacques Chateau, of 42, Rue Laffitte, Paris, in the Empire of France.* *Provisional protection only.*
- JENKIN.
16th March 1861. 667. FLEEMING JENKIN, of Stouting, in the County of Kent, Civil Engineer, for an invention for—"Improvements in the construction of bridges." *Letters Patent sealed.*
- MORGAN.
16th March 1861. 668. EDWARD CHARLES MORGAN, of the City of Norwich, for an invention for—"Improvements in protecting ships and fortifications." *Letters Patent sealed.*
- PRINCE.
16th March 1861. 669. ALEXANDER PRINCE, of the Office for Patents, 4, Trafalgar Square, Charing Cross, in the County of Middlesex, for an invention for—"An improved electro-galvanic friction brush."—*A communication to him from abroad by Julius Imme, resident at Berlin, in the Kingdom of Prussia.* *Letters Patent sealed.*
- HENSON.
16th March 1861. 670. WILLIAM FREDERICK HENSON, of New Cavendish Street, Portland Place, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in railway carriage buffer and other springs." *Letters Patent sealed.*
- SCOTT.
16th March 1861. 671. EBENEZER ERSKINE SCOTT, of Windsor Place, Dundee, in the County of Angus, North Britain, for an invention for—"Improvements in breech-loading fire-arms." *Letters Patent sealed.*
- ROBB.
16th March 1861. 672. JAMES ROBB, of Dundee, in the County of Forfar, Manager, for an invention for—"Improvements in machinery or apparatus for treating hemp, flax, jute and other fibrous substances requiring a similar treatment." *Letters Patent sealed.*
- BIRKBECK.
16th March 1861. 673. GEORGE HENRY BIRKBECK, of the firm of Tongue & Birkbeck, of 34, Southampton Buildings, Chancery Lane, in the County of Middlesex, Patent Agents and Engineers, for an invention for—"Improvements in marine propulsion."—*A communication to him from abroad by Edward Bruce Boughton Barker, of Bayswater, in the County of Middlesex, Gentleman, and Her Britannic Majesty's Consul at Samsoun and Sinope.* *Letters Patent sealed.*

KRUPP. 18th March 1861.	674. ALFRED KRUPP, of Essen, in the Kingdom of Prussia, Cast Steel Manufacturer, for an invention for—"Certain improvements in the method of securing tyres for rolling stock on their wheels." <i>Provisional protection only.</i>
ARROWSMITH. 18th March 1861.	675. JOHN ARROWSMITH, of Bilston, in the County of Stafford, Engineer, for an invention for—"New or improved machinery or apparatus for fixing the windows of railway and other carriages at any required height." <i>Provisional protection only.</i>
ARROWSMITH. 18th March 1861.	676. JOHN ARROWSMITH, of Bilston, in the County of Stafford, Engineer, for an invention for—"Improvements in street railways and railways on common roads, and in locomotive engines and carriages for the said railways." <i>Provisional protection only.</i>
ILES. 18th March 1861.	677. CHARLES ILES, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"Improvements in securing or fastening envelopes, letters or other sealed packets, and in applying ornaments to the same." <i>Provisional protection only.</i>
KOTTULA. 18th March 1861.	678. CONSTANTINE NICOLAUS KOTTULA, of Holborn, in the County of Middlesex, Soap Manufacturer, for an invention for—"Improvements in the manufacture of soap." <i>Letters Patent sealed.</i>
CLAYTON. BREEDON. SCHNEIDER. 18th March 1861.	679. CHARLES CLAYTON, JAMES BREEDON, and ALFRED SCHNEIDER, all of Deptford, in the County of Kent, for an invention for—"A self-acting socket for taps, fire-plugs and such like purposes." <i>Provisional protection only.</i>
NEWTON. 18th March 1861.	680. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in machinery for drawing and spinning wool and other fibrous substances."— <i>A communication to him from abroad by John Henry Bloodgood, of the City of New York, United States of America.</i> <i>Letters Patent sealed.</i>
HENRY. 18th March 1861.	681. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in furnaces in which combustion is carried on for obtaining gases or gaseous products to be usefully applied."— <i>A communication to him from abroad by Edouard Alphonse Jardin, and Alfred Charles Marie Celestin Edgard Goussard, of 33, Boulevard Saint Martin, Paris.</i> <i>Letters Patent sealed.</i>
MILLER. MILLER. 18th March 1861.	682. JOHN STEVENSON MILLER, of the firm of William Miller and Sons, Calico Printers, and THOMAS PATERSON MILLER, Manager, both of Springfield Works, Dalmarnock, North Britain, for an invention for—"Improvements in fixing colouring matter, more especially those derived from aniline or other similar bases, on fibrous materials and textile fabrics." <i>Letters Patent sealed.</i>
WILKINSON. MEAKIN. 19th March 1861.	683. SAMUEL JAMES WILKINSON, and GEORGE FREDERICK LEE MEAKIN, trading under the firm of Wilkinson and Meakin, at No. 14A, Saint Mary Axe, in the City of London, for an invention for—"Self-acting window fasteners." <i>Letters Patent sealed.</i>
JERVELL. 19th March 1861.	684. JACOB JERVELL, of Molde, in the Kingdom of Norway, Ship Owner, for an invention for—"Improvements in the preparation of fish and sea animals for manure, and in apparatus connected therewith." <i>Provisional protection only.</i>
TAYLOR. 19th March 1861.	685. JOSEPH JEPSON ODDY TAYLOR, of No. 12, Mark Lane, in the City of London, Naval Engineer, for an invention for—"An improvement in the separation of siliceous and silicious and other matters from steel." <i>Complete specification; Letters Patent sealed.</i>
WALL. 19th March 1861.	686. ARTHUR WALL, of No. 20, Canton Street, East India Road, Poplar, in the County of Middlesex, Gentleman, for an invention for—"An improved mode of preventing corrosion in boiler tubes." <i>Letters Patent sealed.</i>
WEST. 19th March 1861.	687. BENJAMIN WEST, Bookbinder, of No. 2, St. James' Walk, Clerkenwell, in the County of Middlesex, for an invention for—"Improvements in cutting and ornamenting the edges of books, paper, vellum and other substances, and in apparatus connected therewith." <i>Letters Patent sealed.</i>
SMITH. CHEASE. 19th March 1861.	688. JAMES SMITH, of Seaforth, near Liverpool, in the County of Lancaster, Gentleman, and SYDNEY ARTHUR CHEASE, of Liverpool aforesaid, Gentleman, for an invention for—"An improved telegraphic apparatus." <i>Provisional protection only.</i>

- BOLTON.**
19th March 1861. **689. JOHN ADAMS BOLTON**, of Campbell House, in the Town and County of the Town of Leicester, for an invention for—"An improved apparatus for heating Turkish baths, public and private buildings, vineries, hot houses, and cooking ovens."
Letters Patent sealed.
- HAWKSLEY.**
WILD.
19th March 1861. **690. GEORGE WILLIAM HAWKSLEY**, of Bridge Hill, and **MATHEW WILD**, of Carlisle Street East, both of Sheffield, in the County of York, for an invention for—"Improvements in steam-boilers."
Letters Patent sealed.
- CHALMERS.**
19th March 1861. **691. JAMES CHALMERS**, of Montreal, Canada, for an invention for—"Improvements in constructing roadways under water."
Letters Patent sealed.
- WILSON.**
19th March 1861. **692. GEORGE WILSON**, of the City of York, Glass Manufacturer, for an invention for—"Improvements in glass stoppers applicable to feeding-bottles, retorts and other vessels."
Letters Patent sealed.
- BROOKS.**
20th March 1861. **693. THOMAS BROOKS**, of the firm of Messieurs Butterworth and Brooks, of Sunnyside, near Rawtenstall, in the County of Lancaster, Calico Printers, for an invention for—"Improvements in producing combinations of certain colours on cotton fabrics."
Letters Patent sealed.
- WATSON.**
DAVISON.
20th March 1861. **694. JOSEPH WATSON**, of Jarrow, in the County of Durham, Block Maker, and **THOMAS BENJAMIN DAVISON**, of Munster Square, Regent's Park, in the County of Middlesex, Mechanic, for an invention for—"Improvements in the mode of applying and securing thowl pins or rowlocks to boats, barges, lighters and all craft propelled by means of oars or sculls."
Letters Patent sealed.
- BARTLETT.**
20th March 1861. **695. HENRY ALBERT BARTLETT**, of Thetford, in the County of Norfolk, for an invention for—"Improvements in apparatus to protect the flame of a candle from draught."
Letters Patent sealed.
- RIDLEY.**
20th March 1861. **696. JOHN RIDLEY**, of Stagshaw, in the County of Northumberland, Gentleman, for an invention for—"An improvement in reaping-machines."
Letters Patent sealed.
- BROOMAN.**
20th March 1861. **697. RICHARD ARCHIBALD BROOMAN**, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in preparing caoutchouc adapted especially to dental purposes."
A communication to him from abroad by Corneille Lambert Charles Cassimir Gobert, of Paris, France. Provisional protection only.
- SYMONS.**
20th March 1861. **698. ALEXANDER SYMONS**, of 63, Southwark Bridge Road, in the County of Surrey, for an invention for—"Improvements in apparatus for propelling and steering vessels."
Provisional protection only.
- PEACOCK.**
20th March 1861. **699. GEORGE PEACOCK**, of Regent House, Starcross, in the County of Devon, for an invention for—"Improvements in anchors."
Provisional protection only.
- GEDGE.**
20th March 1861. **700. WILLIAM EDWARD GEDGE**, of the firm of John Gedge and Son, No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"An improved fabric for covering billiard and bagatelle tables and other similar uses."
A communication to him from abroad by Jules Cordier, of Amiens, in the Empire of France. Provisional protection only.
- LLOYD.**
DALE.
20th March 1861. **701. NATHANIEL LLOYD**, of Church, near Accrington, in the County of Lancaster, Calico Printer, and **JOHN GALLEMORE DALE**, of the same place, Chemist, for an invention for—"Improvements in dyeing and printing textile materials and fabrics."
Letters Patent sealed.
- M'DOUAL.**
20th March 1861. **702. JOSEPH EDEN M'DOUAL**, of Litchfield Street, Soho, in the County of Middlesex, Engineer, for an invention for—"An improved fastening or coupling."
Provisional protection only.
- TOWER.**
20th March 1861. **703. LEVI LINCOLN TOWER**, of the State of Massachusetts, of the United States of America, for an invention for—"Relating to heads for lead pencils, ink erasers and other articles of like character."
A communication to him by Francis Pickard Hale, jr, a person residing in Boston, of the State aforesaid. Complete specification; Letters Patent sealed.
- HENRY.**
20th March 1861. **704. MICHAEL HENRY**, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in treating yarns and threads of silk and other fibrous materials for purposes of restoring colour thereto and improving their quality and appearance, also in apparatus employed in operating on yarns and threads."
A communication to him from abroad by Charles Torne, of 33, Boulevard Saint Martin, Paris. Provisional protection only.

CHAPPELLIER. 20th March 1861.	705. MARIE JOSEPH FIRMIN CHAPPELLIER, of Brussels, in the Kingdom of Belgium, for an invention for—"Improvements in manufacturing playing-cards." <i>Letters Patent sealed.</i>
SCOTT. 20th March 1861.	706. SIMON HART SCOTT, of Rouen, France, for an invention for—"Improvements in drawing instruments." <i>Provisional protection only.</i>
MENNONS. 21st March 1861.	707. MARC ANTOINE FRANÇOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"Improvements in gas stopcocks."— <i>A communication from Messrs. A. Massey, G. Jullien, and E. Jullien, persons resident at Paris.</i> <i>Letters Patent sealed.</i>
FRANKS. 21st March 1861.	708. JAMES FRANKS, of 14, Little Tower Street, City of London, Wholesale Tea and Coffee Dealer, for an invention for—"An improved mixture and preparation of teas." <i>Letters Patent sealed.</i>
BAXTER. 21st March 1861.	709. GEORGE BAXTER, of Govan, in the County of Lanark, North Britain, for an invention for—"Improved apparatus for propelling vessels." <i>Letters Patent sealed; no specification filed.</i>
ANDREWS. 21st March 1861.	710. WILLIAM ANDREWS, of Woburn Chambers, Henrietta Street, Strand, and of 58, Threadneedle Street, in the City of London, for an invention for—"Improvements in insulators for telegraph wires." <i>Letters Patent sealed.</i>
RHODES. 21st March 1861.	711. JOSEPH RHODES, of Wakefield, in the County of York, Engineer, for an invention for—"Improvements in means or apparatus for generating steam." <i>Provisional protection only.</i>
TAYLOR. 21st March 1861.	712. CHARLES TAYLOR, the Younger, of the Town and County of the Town of Nottingham, Doctor of Medicine, for an invention for—"An improved method of enabling the guard or other person to communicate with the engine driver or vice versa in railway carriages or railway trains or similar conveyances, by means of electricity." <i>Provisional protection only.</i>
HEAVEN. SMITH. 21st March 1861.	713. ALFRED HEAVEN, of No. 2, Richmond Grove East, Longsight, Manchester, Embroiderer by Machinery, and ROBERT SMITH, of 24, Higher Chatham Street, Chorlton-upon-Medlock, Manchester, Machinist, for an invention for—"Improvements in embroidering-machines." <i>Letters Patent sealed.</i>
GREENWOOD. KINDER. 21st March 1861.	714. THOMAS GREENWOOD, of Leeds, in the County of York, Machinist, and ARTHUR KINDER, of Great George Street, Westminster, Engineer, for an invention for—"Improvements in machinery for cutting or working in wood." <i>Letters Patent sealed.</i>
CLARK. 21st March 1861.	715. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in apparatus for cutting and shaping metals."— <i>A communication to him from abroad by Mr. Aaron Bonehill, of Paris, in the Empire of France, Civil Engineer.</i> <i>Provisional protection only.</i>
CRANSTON. 22nd March 1861.	716. WILLIAM McINTYRE CRANSTON, of No. 58, King William Street, in the City of London, for an invention for—"Improvements in sewing-machines."— <i>A communication to him from abroad by James Frost, of the City of New York, in the United States of America.</i> <i>Complete specification; Letters Patent sealed.</i>
WAGON. 22nd March 1861.	717. FIDÈLE JOSEPH WAGON, of Issy, near Paris, in the Empire of France, Merchant, for an invention for—"Improvements in the manufacture of soap." <i>Provisional protection only.</i>
TRUSS. 22nd March 1861.	718. THOMAS SEAVILLE TRUSS, of No. 53, Gracechurch Street, in the City of London, and of Grove Terrace, Plaistow, in the County of Essex, Civil Engineer, for an invention for—"Improvements in apparatus for propelling ships and other vessels." <i>Letters Patent sealed.</i>
VICTOR. POLGLASE. 22nd March 1861.	719. JOSEPH VICTOR, of Wadebridge, in the County of Cornwall, Hydraulic Engineer, and JAMES POLGLASE, of Bodmin, in the said County, Mine Agent, for an invention for—"Improvements in safety fuses for mining and other purposes." <i>Letters Patent sealed.</i>
HINDLE. 22nd March 1861.	720. THOMAS HINDLE, of Blackburn, in the County of Lancaster, Spinner and Manufacturer, for an invention for—"Improvements in looms for weaving." <i>Letters Patent sealed.</i>

- CLARK.
22nd March 1861. 721. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"An improved method of locking the nuts on railroad rail bolts."—*A communication to him from abroad by Messrs. Henry Lawrence, Charles Harcourt White, & Thomas Washington White, all of Melrose, in the County of Westchester, State of New York, United States of America.*
Letters Patent sealed.
- BROOMAN.
22nd March 1861. 722. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improved means of coloring enamelled leather, leather cloth, enamelled metal and other enamelled surfaces."—*A communication to him from abroad by Adrien Jacques Basset, of Paris, France.*
Provisional protection only.
- ARMOUR.
22nd March 1861. 723. JOHN ARMOUR, of Perceton Fire Clay Works, Kilmarnock, North Britain, Manager, for an invention for—"Improvements in increasing the generation of steam in boilers." *Provisional protection only.*
- HUMPHRYS.
22nd March 1861. 724. EDWARD HUMPHRYS, of Deptford, in the County of Kent, Engineer, for an invention for—"Improvements in steam-engines." *Letters Patent sealed.*
- THOMAS.
22nd March 1861. 725. THOMAS THOMAS, of Rawtenstall, in the County of Lancaster, Bookkeeper, for an invention for—"Certain improvements in apparatus for spinning and doubling cotton and other fibrous materials." *Letters Patent sealed.*
- GRAHAM.
22nd March 1861. 726. JAMES GRAHAM, of Warrington Junction, in the County of Lancaster, for an invention for—"Improvements in preparing and annealing iron wire." *Provisional protection only.*
- JACKSON.
22nd March 1861. 727. SAMUEL JACKSON, of Sheffield, in the West Riding of Yorkshire, Steel Manufacturer, for an invention for—"Improvements in the manufacture of spades, shovels and other articles of a similar nature." *Letters Patent sealed.*
- SWINDELL.
RUSSELL.
PRICE.
22nd March 1861. 728. CHARLES EVERS SWINDELL, and JOSEPH RUSSELL, trading under the style or firm of Swindell and Comp^y, Nail Manufacturers, of Withymoor, near Dudley, in the County of Worcestershire, and JOSEPH PRICE, Working Nail Maker, in the Employ of the said firm, also of Withymoor, aforesaid, for an invention for—"Certain improvements in the manufacture of horse nails." *Letters Patent sealed.*
- HALEY.
22nd March 1861. 729. ABRAHAM HALEY, of Frome, in the County of Somerset, Machinist, for an invention for—"Improvements in power looms for weaving check patterns, and in connecting rods for power looms." *Letters Patent sealed.*
- POTTER.
22nd March 1861. 730. JOHN POTTER, of Leeds, in the County of York, Wire fencing Manufacturer, for an invention for—"Improvements in the construction of wire and other similar fences." *Letters Patent sealed.*
- RIVETT.
23rd March 1861. 731. JOSEPH CEDRIC RIVETT, of Prestolee New Mills, Farnworth, near the City of Manchester, Cotton Spinner, for an invention for—"Certain improvements in machinery for carding cotton and other fibrous materials." *Provisional protection only.*
- CLARKE.
23rd March 1861. 732. WILLIAM HENRY CLARKE, of 3, Vernon Place, Bloomsbury Square, in the County of Middlesex, Engineer, for an invention for—"Improvements in commissariat ambulance cooking apparatus and appurtenances."—*Provisional protection only.*
- LOYER.
23rd March 1861. 733. GEORGE JOHN BAPTIST LOYER, of No. 2, Brunswick Place, Brixton Hill, in the County of Surrey, Gentleman, for an invention for—"Irrigating or self supplying water brushes, brooms and sponges."—*A communication to him from abroad by Mr. J. Lemoine, Practical Chemist, resident at No. 34, Rue Saint Paul, Paris.*
Letters Patent sealed; no specification filed.
- HENLEY.
23rd March 1861. 734. WILLIAM THOMAS HENLEY, of 46, Saint John Street Road, Clerkenwell, in the County of Middlesex, Telegraph Engineer, for an invention for—"Improvements in electric telegraphs and in apparatus connected therewith." *Complete specification; Letters Patent sealed by order.*
- JOHNSON.
23rd March 1861. 735. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"An improved skating chair."—*A communication to him from abroad by Frederick Ashley, of the City of New York, in the United States of America.*
Letters Patent sealed.

BILLING. 23rd March 1861.	736. JOHN BILLING, Architect, of 12, Abingdon Street, Westminster, in the County of Middlesex, for an invention for—"An improved chimney head." <i>Letters Patent sealed.</i>
SPENCER. 23rd March 1861.	737. JOHN SPENCER, of Doncaster, in the County of York, Agricultural Implement Maker, for an invention for—"Improvements in the construction of harrows." <i>Letters Patent sealed.</i>
CARDWELL. CAMPBELL. 23rd March 1861.	738. THOMAS CARDWELL, of the City of London, Merchant, and DAVID CAMPBELL, of Derby Buildings, Liverpool, in the County of Lancaster, Consulting Engineer, for an invention for—"Improvements in machinery for pressing or baling cotton and other substances." <i>Letters Patent sealed.</i>
WICKENS. 23rd March 1861.	739. HENRY WICKENS, of No. 4, Tokenhouse Yard, Bank, in the City of London, Gentleman, for an invention for—"Improvements in shuttles for weaving." <i>Letters Patent sealed.</i>
MANBY. 25th March 1861.	740. WILLIAM EDWARD MANBY, of Victoria Wharf, Augustus Street, Regent's Park, in the County of Middlesex, Manufacturer, for an invention for—"The manufacture of paper, linen, cotton or other fabrics prepared with a preparation of blue, to be used for the purpose of washing or other purposes." <i>Provisional protection NOT granted.</i>
HODGE. 25th March 1861.	741. PAUL RAPSEY HODGE, of 36, Blessington Road, in the Parish of Lea, in the County of Kent, Civil Engineer, for an invention for—"An hydraulic press which he terms his improved inverted hydraulic press, for pressing of hay, straw, hops, hemp or flax, cotton or animal wool, animal or vegetable oils, or any other materials." <i>Letters Patent sealed.</i>
HOLDEN. 25th March 1861.	742. JOHN TRIPPETT HOLDEN, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"An improvement in or addition to victorines, boas, collars and other like articles of dress for females." <i>Letters Patent sealed.</i>
ARMSTRONG. 25th March 1861.	743. SIR WILLIAM GEORGE ARMSTRONG, of the Elswick Ordnance Works, in the County of Northumberland, Knight, for an invention for—"Improved breech loading cannon." <i>Provisional protection only.</i>
GRANT. 25th March 1861.	744. JOHN GRANT, of Mansfield, in the County of Nottingham, Manager of Cotton Thread Works, for an invention for—"Improvements in machinery or apparatus for twining or spinning and doubling cotton or other yarns and threads." <i>Letters Patent sealed.</i>
BROWN. GREGSON. 25th March 1861.	745. JOHN BROWN, of Middleton, in the County of Lancaster, and ROBERT GREGSON, of the same place, Ironfounders, for an invention for—"Certain improvements in self-acting mules for spinning cotton and other fibrous materials." <i>Letters Patent sealed.</i>
BEERS. 25th March 1861.	746. SIDNEY ALEXANDER BEERS, of the City of Brooklyn, in the State of New York, United States of America, Civil Engineer, for an invention for—"Improvements in rails for tramroads and in laying down the same in streets and highways." <i>Letters Patent sealed.</i>
BAILEY. 25th March 1861.	747. WILLIAM BAILEY, of Horseley Fields Chemical Works, Wolverhampton, in the County of Stafford, for an invention for—"Improvements in the manufacture of globes or shades and chimnies for lamps, gaslights or gasburners." <i>Provisional protection only.</i>
MORGAN. JAY. EDWARDS. TILSTON. 25th March 1861.	748. JOHN MORGAN, of 132, Upper Thames Street, London, ALFRED THOMAS JAY, of 132, Upper Thames Street, London, EDMUND EDWARDS, of 13, Beaufort Buildings, Strand, London, and JOSEPH TILSTON, of 2, Lower Gore, Kensington, London, for an invention for—"Improvements in ropes or cables for submarine or other electric telegraphs and for the rigging of ships and other purposes." <i>Letters Patent sealed.</i>
BROOKES. 25th March 1861.	749. WILLIAM BROOKES, of 73, Chancery Lane, in the County of Middlesex, Civil Engineer and Patent Agent, for an invention for—"Improvements in means or apparatus for measuring gas."— <i>A communication to him from abroad by William Richards, of Barcelona, in the Kingdom of Spain.</i> <i>Letters Patent sealed.</i>
VERSMANN. 25th March 1861.	750. FREDERICK VERSMANN, of Bury Court, St. Mary Axe, in the City of London, Consulting and Analytical Chemist, for an invention for—"Improvements in the manufacture of colour adapted for dyeing, painting and other uses." <i>Provisional protection only.</i>

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| SPENCER.
SPENCER.
25th March 1861. | 751. JOHN SPENCER, the Younger, and MICHAEL SPENCER, both of the Town and County of Newcastle-upon-Tyne, Steel Manufacturers, for an invention for—"Improvements in the manufacture of cast steel tires." <i>Letters Patent sealed.</i> |
| BENTLEY.
25th March 1861. | 752. THOMAS BENTLEY, of Margate, in the County of Kent, for an invention for—"Improvements in making up or packing charges or small quantities of gun-powder drugs or other articles." <i>Provisional protection only.</i> |
| CHATTERTON.
SMITH.
25th March 1861. | 753. JOHN CHATTERTON, of Highbury, in the County of Middlesex, Engineer, and WILLOUGHBY SMITH, of Dalston, in the same County, Electrician, for an invention for—"Improvements in submarine telegraph cables." <i>Letters Patent sealed.</i> |
| MORRELL.
25th March 1861. | 754. GEORGE FREDERICK MORRELL, of Fleet Street, in the City of London, for an invention for—"Improvements in the manufacture of sealing wax." <i>Letters Patent sealed.</i> |
| SPENCER.
TAYLOR.
26th March 1861. | 755. HENRY SPENCER, Agent, and EDMUND TAYLOR, Engineer, of Rochdale, in the County of Lancaster, for an invention for—"Improvements in steam engines and boilers." <i>Provisional protection only.</i> |
| LAMB.
26th March 1861. | 756. SAMUEL LAMB, of the City of Manchester, Tobacconist, for an invention for—"Certain improvements in pipes for smoking tobacco." <i>Letters Patent sealed.</i> |
| SMITH.
HIGGS.
26th March 1861. | 757. JOHN SMITH, the younger, of Coven, in the County of Stafford, Manufacturer, and JOHN BIRCH HIGGS, of Brewood, in the County of Stafford, Machinist, for an invention for—"An improvement or improvements in thrashing-machines." <i>Letters Patent sealed.</i> |
| BROWN.
JEFFERY.
26th March 1861. | 758. WILLIAM FULFORD BROWN, of Westgate Street, Gloucester, and WALTER JEFFERY, of Eastgate Street, Gloucester, for an invention for—"A more convenient and effectual method of attaching brooches and such like articles, and for improved fastenings to be used therewith and for other purposes." <i>Provisional protection NOT granted.</i> |
| DAVISON.
PATERSON.
26th March 1861. | 759. THOMAS DAVISON, of Belfast, in the County of Antrim, Ireland, Mechanical Engineer, and ROBERT PATERSON, of Glasgow, in the County of Lanark, North Britain, Mechanical Draughtsman, for an invention for—"Improvements in and connected with steam-engines." <i>Letters Patent sealed.</i> |
| EMES.
26th March 1861. | 760. HANNAH EMES, of St. John's Villas, Adelaide Road, Hampstead, in the County of Middlesex, for an invention for—"Improvements in dress fastenings which are also applicable to other fastening purposes." <i>Provisional protection only.</i> |
| SAVORY.
BARKER.
26th March 1861. | 761. JOHN SAVORY, of 143, New Bond Street, Chemist and Druggist, and WILLIAM ROBERT BARKER, of the same place, Chemist, for an invention for—"An improved 'Douche' for the ear and other parts of the human body." <i>Provisional protection only.</i> |
| JEFFS.
PENNOCK.
27th March 1861. | 762. WILLIAM JEFFS, of Manchester, in the County of Lancaster, Manufacturer of Letters, and JOSEPH PENNOCK, of Blackley, near Manchester, aforesaid, Engineer, for an invention for—"Improvements in steering ships or boats and in apparatus connected therewith." <i>Letters Patent sealed.</i> |
| SPENCE.
27th March 1861. | 763. WILLIAM SPENCE, of 50, Chancery Lane, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in dressing or preparing the surface of mill stones."— <i>A communication to him from abroad by Louis Wells Broadwell, of the American Legation, St. Petersburg.</i> <i>Letters Patent sealed.</i> |
| GRIMSHAW.
27th March 1861. | 764. WESTON GRIMSHAW, of Lytham, in the County of Lancaster, Gentleman, for an invention for—"Improvements in machinery and apparatus used in drying, pulverizing and compressing clay and other materials." <i>Letters Patent sealed.</i> |
| BRIGGS.
FEARNLEY.
27th March 1861. | 765. EDWARD BRIGGS, of Castleton Mills, near Rochdale, in the County of Lancaster, Silk Spinner and Manufacturer, and SAMUEL FEARNLEY, of Rochdale, aforesaid, Engineer, for an invention for—"Improvements in the manufacture of piled fabrics and in the machinery or apparatus employed in manufacturing piled and other fabrics." <i>Letters Patent sealed.</i> |
| GEDGE.
27th March 1861. | 766. WILLIAM EDWARD GEDGE, of the Firm of John Gedge and Son, No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in lamps."— <i>A communication to him from abroad by Pierre Vanrechen, of Watou, near Ypres, in the Kingdom of Belgium.</i> <i>Provisional protection only.</i> |

ABEL. 27th March 1861.	767. CHARLES DENTON ABEL, of 20, Southampton Buildings, Chancery Lane, in the County of Middlesex, for an invention for—"Improvements in the construction of wardrobes."— <i>A communication to him from abroad by Emmanuel Guyennet, residing at Lyons, in France.</i> <i>Provisional protection only.</i>
DUNLOP. 27th March 1861.	768. JOHN MACMILLAN DUNLOP, of Manchester, Engineer, for an invention for—"Improvements in machinery for cleansing cotton." <i>Letters Patent sealed.</i>
WILLANS. 27th March 1861.	769. JACOB GEOGHEGAN WILLANS, of 2, Clarence Place, Belfast, for an invention for—"Improvements in the preparation of hydrated oxide of iron, and the application of such prepared oxide for the absorption or separation of sulphur from certain gases." <i>Letters Patent sealed.</i>
CHEVILLARD. 28th March 1861.	770. FRANÇOIS CHEVILLARD, of Horts, Canton of Varennes, in the Department of the Haute Marne, in the Empire of France, for an invention for—"Improvements in machines worked by concentrated power." <i>Letters Patent sealed.</i>
BRITTAİN. 28th March 1861.	771. BARTHOLOMEW BRITTAİN, of Cowley Road, Brixton, in the County of Surrey, Gentleman, for an invention for—"Improvements in obtaining motive-power." <i>Provisional protection only.</i>
BREMNER. 28th March 1861.	772. JAMES BREMNER, of Leith, in the County of Edinburgh, North Britain, Engineer, for an invention for—"Improvements in steam-boilers." <i>Letters Patent sealed.</i>
PARSONS. 28th March 1861.	773. PERCEVAL MOSES PARSONS, of Arthur Street West, London Bridge, in the City of London, Civil Engineer, for an invention for—"Certain improvements in fire-arms and in the method of rifling the barrels of the same."— <i>Letters Patent sealed.</i>
KEEN. 28th March 1861.	774. JOHN CLARK KEEN, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"An improvement or improvements in the manufacture of braces." <i>Complete specification: Letters Patent sealed.</i>
VANDECASTEELE. 28th March 1861.	775. LOUIS JEAN VANDECASTEELE, of the City of Lille, in the Empire of France, Brewer, for an invention for—"Improvements in brewing." <i>Letters Patent sealed.</i>
SANDERSON. 28th March 1861.	776. JAMES SANDERSON, of Clerkenwell, in the County of Middlesex, Dressing-Case Maker, for an invention for—"Improvements in travelling bags or cases and in fittings for the same, a part of which fittings is applicable to holding cigars and other like articles." <i>Provisional protection only.</i>
BROOMAN. 28th March 1861.	777. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in the manufacture of shear steel."— <i>A communication to him from abroad by Wilhelm Spielfeld, of Unna, Westphalia.</i> <i>Letters Patent sealed.</i>
SORRELL. 28th March 1861.	778. WILLIAM SORRELL, of Haggerstone, in the County of Middlesex, Engineer, for an invention for—"Improvements in apparatuses for mashing malt." <i>Letters Patent sealed.</i>
STRATFORD. 28th March 1861.	779. WILLIAM STRATFORD, of Mile End Old Town, in the County of Middlesex, Engineer, for an invention for—"Improvements in the construction of furnaces for heating steam-boilers, bakers' ovens and brewers' coppers, which improvements are applicable also to furnaces made use of for various other purposes." <i>Letters Patent sealed.</i>
COPPO. 30th March 1861.	780. GUISEPPE MATEO COPPO, of No. 13, Rue Gaillon, in the City of Paris, in the Empire of France, Hatter, for an invention for—"Improvements in machinery for fulling felt hats and other felted goods." <i>Letters Patent sealed.</i>
FIELD. 30th March 1861.	781. JAMES JOHN FIELD, of Holloway Place, Holloway, in the County of Middlesex, Analytical and Manufacturing Chymist, for an invention for—"Improvements in apparatus for evaporating in vacuo." <i>Provisional protection only.</i>
SIMONS. 30th March 1861.	782. WILLIAM SIMONS, of Renfrew, in the County of Renfrew, North Britain, Shipbuilder, for an invention for—"Improvements in or connected with ships or vessels." <i>Provisional protection only.</i>
GRIFFITHS. 30th March 1861.	783. JOHN GRIFFITHS, of Richmond Park Breck, Liverpool, in the County of Lancaster, Architect and Builder, for an invention for—"Improved compositions or cements and methods of applying the same to various parts of buildings and houses where slates, tiles, stones and sheet metals have been used." <i>Provisional protection only.</i>

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| <p>RATTRAY.
30th March 1861.</p> <p>SYKES.
SYKES.
30th March 1861.</p> <p>CASS.
30th March 1861.</p> <p>BARTON.
SOAR.
30th March 1861.</p> <p>NAPIER.
30th March 1861.</p> <p>GUIBLET.
RAMBAL.
30th March 1861.</p> <p>SUTTON.
30th March 1861.</p> <p>EHRENBERG.
30th March 1861.</p> <p>MEDLOCK.
30th March 1861.</p> <p>SIMPSON.
30th March 1861.</p> <p>EARLE.
30th March 1861.</p> <p>RIDLEY.
ROTHERY.
30th March 1861.</p> <p>BRIGGS.
30th March 1861.</p> <p>RUSSO.
1st April 1861.</p> <p>EDMONDSON.
1st April 1861.</p> <p>LOWE.
1st April 1861.</p> | <p>784. JOHN RATTRAY, of the City of Manchester, in the County of Lancaster, Joiner and Cabinet Maker, for an invention for—"Improvements in window-frames commonly called casements or French lights."
<i>Letters Patent sealed.</i></p> <p>785. THOMAS SYKES, Manufacturing Chemist and Oil Merchant, and BENJAMIN CLIFFORD SYKES, M.D., both of Cleckheaton, in the County of York, for an invention for—"Improvements in steam-boilers and the prevention of incrustation therein."
<i>Letters Patent sealed.</i></p> <p>786. JOHN CASS, of Bury, in the County of Lancaster, Engineer and Millwright, for an invention for—"Improvements in steam-engines and boilers and in apparatus connected therewith."
<i>Letters Patent sealed.</i></p> <p>787. GEORGE BARTON, of the Town and County of the Town of Nottingham, Mechanist, and THOMAS SOAR, of Radford, in the County of Nottingham, Mechanist, for an invention for—"Improvements in washing, wringing and mangling machines, applicable also for dyeing or bleaching purposes, to be called 'The Nottingham washing machine.'"
<i>Letters Patent sealed.</i></p> <p>788. WILLIAM DONALD NAPIER, of 22, George Street, Hanover Square, in the County of Middlesex, for an invention for—"Improvements in the manufacture of rubbers for the human teeth and gums."
<i>Letters Patent sealed.</i></p> <p>789. JULES JEAN LOUIS GUIBLET, and JOSEPH RAMBAL, of 11, Wilmington Square, Clerkenwell, in the County of Middlesex, for an invention for—"Improvements in keyless and other watches and time keepers."
<i>Letters Patent sealed.</i></p> <p>790. DANIEL SUTTON, of Banbury, in the County of Oxford, Innkeeper, for an invention for—"Improvements in apparatus for hanging gates."
<i>Letters Patent sealed.</i></p> <p>791. CARL ADOLPH EHRENBERG, of Altona, in the Kingdom of Denmark, Mechanician, for an invention for—"Improvements in the construction of ships' compasses."
<i>Provisional protection only.</i></p> <p>792. HENRY MEDLOCK, of Great Marlborough Street, in the City of Westminster, Analytical Chemist, for an invention for—"Improved means for preserving fermented liquors."
<i>Letters Patent sealed.</i></p> <p>793. THOMAS SIMPSON, of Darfield Fireclay Works, in the County of York, for an invention for—"Improvements in apparatus for the manufacture of bricks."
<i>Provisional protection only.</i></p> <p>794. OSWALD EARLE, of Liverpool, in the County of Lancaster, Manufacturing Chemist, for an invention for—"An improved lubricating compound."
<i>Letters Patent sealed.</i></p> <p>795. ROBERT RIDLEY, of Low Wortley, in the County of York, Engineer, and JOSEPH ROTHERY, of West Ardsley, in the County of York, Colliery Viewer, for an invention for—"Improvements in hewing or working coal and other minerals and in the apparatus employed therein."
<i>Letters Patent sealed.</i></p> <p>796. JOSEPH BRIGGS, of 42, Bridge Street, Blackfriars, City of London, Merchant, for an invention for—"Improvements in the manufacture of an artificial substance to be used as a coating or covering for stone, bricks, wood or metal, and also in the method of and means for manufacturing flags, bricks, blocks, or paving from the said substance."
<i>Provisional protection only.</i></p> <p>797. GREGORIO RUSSO, Gentleman, residing in Genoa, Kingdom of Sardinia, for an invention for—"A new method of colouring as a substitute for saffron in the manufacture of cheese pastes and other articles in which saffron is employed."
<i>Provisional protection only.</i></p> <p>798. GEORGE EDMONDSON, of Queenwood, in the County of Southampton, for an invention for—"Improvements in washing-machines."
<i>Letters Patent sealed.</i></p> <p>799. JOHN LOWE, of Glasgow, in the County of Lanark, in Scotland, for an invention for—"Improvements in the mode of applying coloring matter to certain textile fabrics and yarns in the process of dyeing and printing."
<i>Provisional protection only.</i></p> |
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SEARLE. 1st April 1861.	800. RICHARD SEARLE, of Woodford Wells, in the County of Essex, Gentleman, for an invention for—"Improvements in the manufacture and insulation of telegraph cables and telegraphic wires in general, and of apparatus for laying marine telegraph cables." <i>Letters Patent sealed.</i>
DE SANGES. 1st April 1861.	801. SEYMOUR DE SANGES, of 23, Northumberland Street, Strand, in the County of Middlesex, for an invention for—"Improvements in mattresses, cushions and such like articles." <i>Provisional protection only.</i>
BOYD. 1st April 1861.	802. JAMES EDWARD BOYD, of Hither Green, Lewisham, in the County of Kent, Gentleman, for an invention for—"Improvements in motive-power for sewing-machines." <i>Provisional protection NOT granted.</i>
JAMES. 1st April 1861.	803. ROBERT JAMES, Engineer, of Faversham, in the County of Kent, for an invention for—"Improvements in reaping and mowing machines." <i>Provisional protection only.</i>
BROOMAN. 1st April 1861.	804. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improved method of fixing lac and lac varnishes upon glass and ceramic ware."— <i>A communication to him from abroad by Aldert Constant Gallais, of Paris, France.</i> <i>Provisional protection only.</i>
GARDNER. 1st April 1861.	805. JAMES GARDNER, of Eversholt Street, in the County of Middlesex, Carver and Gilder, for an invention for—"Improvements in portable buildings or structures." <i>Provisional protection only.</i>
PALMER. 1st April 1861.	806. WILLIAM PALMER, of Ballymena, in the County of Antrim, Miller, for an invention for—"Improvements in machinery or apparatus for grinding wheat and other grain." <i>Provisional protection only.</i>
BROOKES. 1st April 1861.	807. WILLIAM BROOKES, of 73, Chancery Lane, in the County of Middlesex, Civil Engineer and Patent Agent, for an invention for—"Improvements in means or apparatus for obtaining superheated or surcharged steam, and for increasing the draft through the flues of locomotive and other boilers."— <i>A communication to him from abroad by James Martin, of Toronto, Canada West, Engineer.</i> <i>Letters Patent sealed.</i>
GREENWOOD. 1st April 1861.	808. JOHN GREENWOOD, of Rawden, near Leeds, in the County of York, Worsted Spinner, for an invention for—"Improvements in machinery or apparatus for combing wool and other fibres." <i>Provisional protection only.</i>
WINTON. COWAN. 2nd April 1861.	809. JOHN GRIEVE WINTON, and THOMAS WILLIAM COWAN, both of 42, Bridge Street, Blackfriars, in the City of London, Engineers, for an invention for—"Improvements in the means for actuating machine hammers, which said improvements are also applicable to pile-driving and other such like machines and purposes." <i>Letters Patent sealed.</i>
WINDER. 2nd April 1861.	810. JOHN HATHORNTHWAITHE WINDER, of Sheffield, in the County of York, Manufacturer, for an invention for—"Improvements in means or apparatus for raising and forcing water and other fluids." <i>Letters Patent sealed.</i>
HORLICK. 2nd April 1861.	811. EGBERT HORLICK, of Tredegar, in the County of Monmouth, Outfitter, for an invention for—"An improved stand for exhibiting drapery or other goods for sale." <i>Provisional protection only.</i>
LYTTLE. 2nd April 1861.	812. WILLIAM ALEXANDER LYTTLE, of No. 10, Arundel Street, Strand, London, County of Middlesex, Gentleman, for an invention for—"Improvements in and connected with the collars and wrist bands of shirts." <i>Provisional protection only.</i>
HURAY. LEILÉ. 2nd April 1861.	813. ADOLPHE HURAY, and HERMAN LEILÉ, Opticians, both of the Numero 42, Laffitte Street, in Paris, Empire of France, for an invention for—"A new optical apparatus for reproducing and varying all sorts of drawings, which apparatus they call 'Goniometroscope.'" <i>Letters Patent sealed.</i>
SENTON. HAWKINS. STANSFIELD. 2nd April 1861.	814. CALEB SCHOFIELD SENTON, of Park Road, Clapham, Builder, GEORGE HAWKINS, of Port Street, Bermondsey, Builder, and EDWARD STANSFIELD, of Commercial Road, Peckham, Agent, all in the same County of Surrey, for an invention for—"An improved trap or flap for covering the entrances of cellars and other places." <i>Provisional protection only.</i>
BROWN. 2nd April 1861.	815. JAMES BROWN, of Glasgow, in the County of Lanark, North Britain, Packing Case Maker, for an invention for—"Improvements in preparing fabrics to render them suitable for packing goods, and in closing or sealing packages." <i>Provisional protection only.</i>

- SICKELS.**
2nd April 1861. 816. JOHN SICKELS, Merchant, 67, Gracechurch Street, in the City of London, for an invention for—"Improvements in machinery or apparatus for stitching, uniting and ornamenting leather and other similar materials."—*A communication to him from abroad by Elmer Townsend, of Boston, in the United States of America.*
Letters Patent sealed.
- CLARK.**
2nd April 1861. 817. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in stamping presses."—*A communication to him from abroad by Adolphe Charles Guillemot, of Paris, in the Empire of France, Mechanician.*
Letters Patent sealed.
- WILSON.**
3rd April 1861. 818. THOMAS EDWARD WILSON, of Cornholme, near Todmorden, in the County of Lancaster, Engineer, for an invention for—"Improvements in machinery for agricultural purposes."
Provisional protection only.
- CRIGHTON.**
CRIGHTON.
3rd April 1861. 819. WILLIAM CRIGHTON, and FREDERICK WILLIAM CRIGHTON, of the City of Manchester, in the County of Lancaster, Machinists, for an invention for—"Improvements in machinery or apparatus for preparing cotton, and other fibrous materials to be spun."
Letters Patent sealed.
- BLANCHARD.**
3rd April 1861. 820. MARK HENRY BLANCHARD, of No. 74, Blackfriars Road, in the County of Surrey, Terra Cotta Manufacturer, for an invention for—"Improvements in the manufacture, construction and ornamentation of articles made of terra cotta, stoneware and plastic clays, adapted for the construction of fireproof stairs, steps, landings, slabs, tiles for roofing and paving, chimney shafts, columns for buildings, posts or standards, pedestals and statues, and in the method of moulding the same."
Letters Patent sealed.
- WRIGHT.**
WRIGHT.
3rd April 1861. 821. THOMAS WRIGHT, of Dudley, in the County of Worcester, Manufacturer, and HUGH WRIGHT, of Dudley, aforesaid, Manufacturer, for an invention for—"A new or improved steam brake."
Letters Patent sealed.
- NEWTON.**
3rd April 1861. 822. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in machinery for cutting and harvesting grain, grass and other substances."—*A communication to him from abroad by William Van Anden, of New York, in the United States of America.*
Letters Patent sealed.
- SEVILLE.**
LAWTON.
3rd April 1861. 823. JOHN SEVILLE, of Oldham, and WALTER LAWTON, of Hollinwood, both in the County of Lancaster, for an invention for—"Certain improvements in starting and retarding or stopping railway trains."
Provisional protection only.
- BAMLETT.**
3rd April 1861. 824. ADAM CARLISLE BAMLETT, of Middleton Tyas, in the County of York, Farmer, for an invention for—"Improvements in reaping and mowing machines."
Provisional protection only.
- ALLEYNE.**
4th April 1861. 825. JOHN GAY NEWTON ALLEYNE, of Butterly Iron Works, Alfreton, in the County of Derby, for an invention for—"Improvements in machinery employed in the manufacture of iron."
Letters Patent sealed.
- GRICE.**
4th April 1861. 826. JAMES THOMAS GRICE, of Birmingham, in the County of Warwick, Tube Maker, for an invention for—"An improvement or improvements in ornamenting metallic tubes."
Letters Patent sealed.
- WOODRUFF.**
MILNES.
4th April 1861. 827. ROBERT WOODRUFF, and CHARLES MILNES, of "The London Road Works," Red Lion Square, in the Town and County of the Town of Nottingham, Perambulator Manufacturers, for an invention for—"A new or improved construction of carriages for children, commonly called perambulators, to be called 'The Nottingham double perambulators.'"
Provisional protection only.
- LEE.**
4th April 1861. 828. JOHN WALKER LEE, of Crich, in the County of Derby, Wine and Spirit Agent and Commercial Traveller, for an invention for—"Improvements in apparatus used in winding up watches, clocks, time pieces, musical boxes, or tell tales, or for other purposes to which the same may be applicable."
Provisional protection only.
- BROOMAN.**
4th April 1861. 829. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improved method of doubling silk threads together, with machinery for effecting the same."—*A communication to him from abroad by Messieurs Beaux, Matristre, and Rousset, of Avignon, France.*
Letters Patent sealed.

SHEPARD. 4th April 1861.	830. WILLIAM ALBERT SHEPARD, of Pall Mall, in the County of Middlesex, for an invention for—"Improvements in street railways and wheels and apparatus to be used therewith." <i>Provisional protection only.</i>
M'NARY. 4th April 1861.	831. WILLIAM HENRY M'NARY, of Brooklyn, in the State of New York, and United States of America, but now residing at Manchester, in the County of Lancaster, Machinist, for an invention for—"Improvements in the mode of and apparatus for knitting." <i>Letters Patent sealed.</i>
NEWTON. 4th April 1861.	832. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"An improved construction of bran duster."— <i>A communication to him from abroad by George Clark, Peter Elting, George Marsh, and Alfred Marsh, of Cincinnati, in the State of Ohio, and United States of America.</i> <i>Letters Patent sealed.</i>
NEWTON. 4th April 1861.	833. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in machinery for cutting files."— <i>A communication to him from abroad by William Van Anden, of New York, United States of America.</i> <i>Letters Patent sealed.</i>
BENSON. 4th April 1861.	834. MARTIN BENSON, of 2, Royal Exchange Buildings, in the City of London, for an invention for—"Improvements in generating steam and in the apparatus employed therein." <i>Letters Patent sealed.</i>
MILLER. MILLER. 4th April 1861.	835. JOHN STEVENSON MILLER, of the firm of William Miller and Sons, Calico Printers, and THOMAS PATERSON MILLER, Manager, both of Springfield Works, Dalmarnock, North Britain, for an invention for—"Improvements in fixing coloring matters on textile fabrics and fibrous materials." <i>Provisional protection only.</i>
STONE. COMER. 5th April 1861.	836. DANIEL STONE, of the City of Manchester, Analytical Chemist, and CHARLES COMER, junior, of the Broughton Copper Works, in Salford, in the County of Lancaster, for an invention for—"Improvements in combining metals and alloys of metals for the manufacture of coins, checks, vouchers, trade marks and other useful articles, and for ornamental purposes." <i>Letters Patent sealed.</i>
BURN. 5th April 1861.	837. CHARLES BURN, of Delahay Street, Westminster, Civil Engineer, for an invention for—"Improvements in ports and apparatus for opening and closing the port holes of ships of war, which are also applicable to embrasures of fortifications." <i>Letters Patent sealed.</i>
RICHARDSON. 5th April 1861.	838. WILLIAM RICHARDSON, of No. 24, New Walk, in the Borough of Leicester, Surveyor of Taxes, for an invention for—"Improvements in carriage and other axles, and also in shafts and other parts of machinery exposed to the action of the atmosphere." <i>Provisional protection only.</i>
BROWN. FELLOWS. JONES. BROWN. 5th April 1861.	839. DAVID BROWN, of Smethwick, in the County of Stafford, Iron Manufacturer, and NOAH FELLOWS, of Selly Oak, in the County of Worcester, Iron Manufacturer, and EDWARD JONES, of Deepfields, Sedgley, in the County of Stafford, Iron Manufacturer, and WILLIAM BROWN, of Smethwick, aforesaid, Iron Manufacturer, for an invention for—"Improvements in the manufacture of nails, railway spikes or pins and gas tube fastenings, and in machinery employed in the said manufacture." <i>Letters Patent sealed.</i>
STORER. JONES. STORER. 5th April 1861.	840. CHARLES STORER, RICHARD JONES, & JAMES STORER, all of Longford, Parish of Foleshill, in the County of Warwick, for an invention for—"Improvements in railway brakes." <i>Provisional protection only.</i>
GREENWOOD. 5th April 1861.	841. ROBERT BENJAMIN GREENWOOD, of No. 5, Durham Place East, Hackney Road, in the County of Middlesex, for an invention for—"Improvements in candlesticks and candle holders." <i>Letters Patent sealed.</i>
EDWARDS. 5th April 1861.	842. WILLIAM EDWARDS, of Wolverhampton, in the County of Stafford, Manufacturer, for an invention for—"An improvement or improvements in the manufacture of shoes for horses and other beasts of draught and burden, and in the preparation of the metal to be used for this purpose." <i>Provisional protection only.</i>

- NEWTON.
5th April 1861. 843. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in breech loading fire-arms."—*A communication to him from abroad by Christopher Meiner Spencer, of the City of Hartford, and State of Connecticut, United States of America.*
Letters Patent sealed.
- HAWKSLEY.
5th April 1861. 844. GEORGE HAWKSLEY, of Three Mill Lane, Bromley by Bow, in the County of Middlesex, for an invention for—"Improvements in apparatus for measuring water and other liquids."
Provisional protection only.
- STEUART.
5th April 1861. 845. ADAM STEUART, Captain 1st Administrative Battⁿ., Surrey Rifle Vol^s., of 144, High Street, Croydon, for an invention for—"Improvements in capstans."
Provisional protection only.
- DUNN.
5th April 1861. 846. JAMES DUNN, of Preston, in the County Palatine of Lancaster, Book Keeper, for an invention for—"Improvements in machinery or apparatus for slubbing, roving, spinning and doubling cotton and other fibrous materials."
Letters Patent sealed.
- HUTSON.
5th April 1861. 847. JOHN HUTSON, of Richmond, in the County of Surrey, for an invention for—"Improvements in the manufacture of the posts and joints or connections of bedsteads and other articles of furniture."
Letters Patent sealed.
- DOWN.
6th April 1861. 848. JONATHAN DOWN, of Alderley Edge, in the County of Chester, for an invention for—"Improvements in treating certain ores and alloys and in obtaining products therefrom."
Provisional protection only.
- SLATER.
6th April 1861. 849. WILLIAM SLATER, of Bolton-le-Moors, in the County of Lancaster, Manager, for an invention for—"Improvements in machinery for preparing and spinning cotton and other fibrous substances."
Letters Patent sealed.
- WALLWORK.
SUMNER.
6th April 1861. 850. RICHARD WALLWORK, of Bolton-le-Moors, in the County of Lancaster, Cotton Spinner, and THOMAS SUMNER, of Farnworth, near Bolton-le-Moors, aforesaid, Manager, for an invention for—"Certain Improvements in machinery for preparing cotton and other fibrous substances."
Provisional protection only.
- KNOWLES.
6th April 1861. 851. BENJAMIN KNOWLES, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"Improvements in the manufacture of papier mâché blank trays."
Letters Patent sealed.
- KNIGHT.
6th April 1861. 852. JAMES KNIGHT, of No. 8, Crown Court, Chancery Lane, in the County of Middlesex, for an invention for—"Improvements in the manufacture of baths and trays and other vessels for photographic purposes, which improvements are also applicable in the manufacture of galvanic battery and other galvanic chambers or cells and other vessels to contain chemical solutions."
Provisional protection only.
- GHISLIN.
6th April 1861. 853. THOMAS GOULSTON GHISLIN, of 72, Hatton Garden, in the Parish of St. Andrew's, Holborn, London, Importer, for an invention for—"Preparing, applying and adapting certain vegetable productions called eiklonia-buccinalis, proteaceæ, juncus serratus, juncus trista and arnyllidæ to further new purposes of manufacture, and certain modes to effect the same."
Letters Patent sealed; no specification filed.
- JOHNSON.
6th April 1861. 854. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in looms for weaving figured fabrics and in apparatus connected therewith."—*A communication to him from abroad by Samuel Thomes Thomas, of Laconia, in the United States of America.*
Letters Patent sealed.
- SMITH.
8th April 1861. 855. WILLIAM SMITH, of Derby Street, Birmingham, in the County of Warwick, for an invention for—"An improvement in the manufacture of umbrellas, parasols and other similar articles."
Letters Patent sealed.
- GEDGE.
8th April 1861. 856. WILLIAM EDWARD GEDGE, of the Firm of John Gedge and Son, No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in the construction of ceilings and partition and other walls."—*A communication to him from abroad by Jules Mathieu Dubrot, of Metz, Moselle, France, Plaster Manufacturer.*
Letters Patent sealed.

DEHESELLE.
8th April 1861.

857. HYACINTHE DEHESELLE, of Thimister, in the Kingdom of Belgium, Engineer, for an invention for—"A rotatory cone being a new application of the centrifugal force to the purpose of raising and propelling fluid bodies."

Provisional protection only.

WILDE.
8th April 1861.

858. HENRY WILDE, of the City of Manchester, Engineer, for an invention for—"Improvements in electro-magnetic telegraphs and in apparatus connected therewith."

Letters Patent sealed.

CLARK.
8th April 1861.

859. JOHN CLARK, of Glasgow, in the County of Lanark, North Britain, Manufacturing Stationer, for an invention for—"Improvements in apparatus for feeding or supplying paper or other like material to ruling, embossing, printing and similar machines, and in certain parts of embossing apparatus."

Letters Patent sealed.

WALKER.
BARNES.
8th April 1861.

860. JOSEPH WALKER, of Oakenshaw, in the County of Lancaster, and JAMES BARNES, of the same place, India-rubber Manufacturers, for an invention for—"An improvement in the manufacture of 'card cloth' used for carding cotton, wool, and other fibrous substances."

Letters Patent sealed.

SHANKS.
8th April 1861.

861. ANDREW SHANKS, Engineer, No. 6, Robert Street, Adelphi, Westminster, for an invention for—"An improved washing-machine."

Letters Patent sealed.

BLAKE.
8th April 1861.

862. HENRY WOLLASTON BLAKE, of Soho, Birmingham, in the County of Warwick, and of London Street, in the City of London, for an invention for—"Improvements in coining-machinery and in apparatus employed for regulating the expansion of elastic fluids."

Letters Patent sealed.

CLAYTON.
8th April 1861.

863. WILLIAM CLAYTON, of Waterloo Road, in the City of Dublin, for an invention for—"Improvements in fire-escapes."

Provisional protection only.

BROOMAN.
8th April 1861.

864. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in apparatuses for turning over leaves or sheets of music and other like sheets."—*A communication to him from abroad by Louis Etienne Stanislas Petit, of Orleans, France.*

Letters Patent sealed.

DAVIES.
9th April 1861.

865. GEORGE DAVIES, of No. 1, Serle Street, Lincoln's Inn, in the County of Middlesex, and No. 28, St. Enoch Square, in the City of Glasgow, Civil Engineer and Patent Agent, for an invention for—"Improvements in machinery for dressing and cutting stone."—*A communication to him from abroad by Pierre Joseph Morisseau, of Paris, Miller.*

Letters Patent sealed.

WRIGHT.
9th April 1861.

866. JAMES WRIGHT, of 42, Bridge Street, Blackfriars, in the City of London, Civil Engineer, for an invention for—"An improved method of collecting letters, newspapers, and other mail matters in cities and towns."—*A communication to him from abroad by John B. Murray, Banker, New York, United States of America.*

Provisional protection NOT granted.

PROSSOR.
9th April 1861.

867. HENRY GRIFFITHS PROSSOR, of Waterford, Merchant, for an invention for—"Improvements in the method of and apparatus for preventing the deterioration of grain when deposited in the holds of vessels for shipment, and also in the application of the said method and apparatus to vessels engaged in shipping grain from one port to another."

Letters Patent sealed.

BEDDALL.
9th April 1861.

868. WILLIAM HENRY BEDDALL, of 104, Fleet Street, in the City of London, for an invention for—"Improvements in apparatus for discharging and distributing the contents of teapots, coffee pots or other vessels."

Letters Patent sealed.

GILL.
9th April 1861.

869. CHARLES GILL, of Newington, in the County of Surrey, Jeweller, for an invention for—"Improvements in the construction of swivels, hooks or other similar connecting instruments for chains, jewellery and other articles."

Provisional protection only.

PHILLIPS.
9th April 1861.

870. WILLIAM HENRY PHILLIPS, of Nunhead, in the County of Surrey, Engineer, for an invention for—"Improvements in the combustion of fuel for generating steam and for other purposes."

Letters Patent sealed.

WESTBURY.
COOKE.
9th April 1861.

871. WILLIAM WESTBURY, of Aston, near Birmingham, in the County of Warwick, Accountant Clerk, and EDWARD COOKE, of Smethwick, in the County of Stafford, Manager of Works, for an invention for—"A new or improved fastening which said fastening is applicable to the fastening of windows and also to the fastening of belts, garters, braces and other articles of dress."

Letters Patent sealed.

HIGGINS. WHITWORTH. 9th April 1861.	872. JAMES HIGGINS, of Salford, in the County of Lancaster, Machine Maker, and THOMAS SCHOFIELD WHITWORTH, of the same place, Manager, for an invention for—"Improvements in machinery or apparatus for preparing cotton and other fibrous materials for spinning." <i>Letters Patent sealed.</i>
TWEEDALE. TWEEDALE. TAYLOR. 9th April 1861.	873. ABRAHAM TWEEDALE, of South Cottage, Healey, near Rochdale, in the County of Lancaster, Wool Carder, JOHN TWEEDALE, of Healey Hall, in the said County, Manufacturer, and SAMUEL TAYLOR, of Rochdale, aforesaid, Clock Maker, for an invention for—"Improvements in temples for looms." <i>Provisional protection only.</i>
WOOD. 9th April 1861.	874. WILLIAM WOOD, of Birmingham, in the County of Warwick, Machinist, for an invention for—"Improvements in breech loading fire-arms and ordnance." <i>Letters Patent sealed.</i>
NEWTON. 9th April 1861.	875. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improved apparatus for drawing bolts."— <i>A communication to him from abroad by Hamilton Towle, of Cambridge Port, Massachusetts, in the United States of America.</i> <i>Letters Patent sealed.</i>
TAYLOR. 9th April 1861.	876. FRANCIS TAYLOR, of Romsey, in the County of Southampton, for an invention for—"Improvements in apparatus for receiving, drying and deodorizing human excrement." <i>Letters Patent sealed.</i>
RANSOME. 9th April 1861.	877. FREDERICK RANSOME, of Ipswich, for an invention for—"Improvements in the manufacture of artificial stone and cement or plaster, and in treating timber for the purpose of preserving the same." <i>Letters Patent sealed.</i>
WESTON. 10th April 1861.	878. THOMAS ALDRIDGE WESTON, of Birmingham, in the County of Warwick, Engineer, for an invention for—"New or improved fastenings for fastening bands and belts and articles of dress, and for such other purposes as the same are or may be applicable to." <i>Provisional protection only.</i>
IVERS. POLLITT. 10th April 1861.	879. JAMES IVERS, of Preston, in the County of Lancaster, Spindle and Flyer Maker, and JAMES POLLITT, of the same place, Manager, for an invention for—"A certain improvement in machinery or apparatus employed in preparing cotton, wool, flax and other fibrous substances for spinning." <i>Provisional protection only.</i>
LAMB. 10th April 1861.	880. ANDREW LAMB, of Southampton, in the County of Hants, Engineer, for an invention for—"Improvements in condensers." <i>Provisional protection only.</i>
PECK. 10th April 1861.	881. WILLIAM BISHOP PECK, of Broad Street, Bristol, in the County of Somerset, for an invention for—"Improvements in screw propellers." <i>Provisional protection only.</i>
MOREL. 10th April 1861.	882. AUGUSTE VICTOR MOREL, of Paris, in the French Empire, Engineer, for an invention for—"An improved safety lock." <i>Provisional protection only.</i>
GARDINER. 10th April 1861.	883. PERRY G. GARDINER, of New York City, in the County and State of New York, in the United States of America, for an invention for—"A new improved spring." <i>Letters Patent sealed; no specification filed.</i>
CAW. 10th April 1861.	884. JOHN CAW, Junr, of Halifax, in the County of York, Accountant, for an invention for—"Improvements in the manufacture of metallic cord suitable for "crinoline," blind cord, bell pulls, suspending pictures, laces, and for other purposes." <i>Letters Patent sealed.</i>
ROGERS. 10th April 1861.	885. WILLIAM RODRIGUES ROGERS, of Gray's Inn Road, in the County of Middlesex, Builder, for an invention for—"Improvements in dowels." <i>Letters Patent sealed.</i>
TAYLOR. 10th April 1861.	886. THOMAS TAYLOR, of 7, Wellington Row, Bethnal Green, in the County of Middlesex, for an invention for—"Improvements in machinery for the manufacture of chenille and other circular pile fabrics." <i>Provisional protection only.</i>
CHALMERS. 11th April 1861.	887. DAVID CHALMERS, of Glasgow, in the County of Lanark, North Britain, Machinist, for an invention for—"Improvements in weaving textile fabrics." <i>Provisional protection only.</i>
M'CONNEL. 11th April 1861.	888. WILLIAM M'CONNEL, of the City of Manchester, in the County of Lancaster, Cotton Spinner, for an invention for—"Improvements in engines for carding cotton and other fibrous materials." <i>Provisional protection only.</i>

SHAND. MASON. 11th April 1861.	889. JAMES SHAND, of 245, Blackfriars Road, in the County of Surrey, Engineer, and SAMUEL MASON, of the same place, Engineer, for an invention for—"Improvements in steam fire-engines and pumps." <i>Letters Patent sealed.</i>
BURY. 11th April 1861.	890. WILLIAM BURY, of Portman Street, Marylebone, in the County of Middlesex, Engineer, for an invention for—"Improvements in steam-engines and in boilers for the same." <i>Letters Patent sealed.</i>
LANCELOTT. 11th April 1861.	891. JAMES LANCELOTT, Jeweller, of 2, Brownlow Road, Dalston, in the County of Middlesex, for an invention for—"Improvements in machinery for the manufacture of sheet metal chains." <i>Letters Patent sealed.</i>
DON. SMITH. HORSFIELD. 11th April 1861.	892. THOMAS DON, Millwright and Engineer, of 10, Poultry, in the City of London, THOMAS SMITH, Millwright, of Tenter Lane, Leeds, and LOXLEY HORSFIELD, Engineer, of Bank Foundry, Leeds, for an invention for—"Improvements in the method of and apparatus for drying and preparing grain, seeds or berries for food and other purposes." <i>Letters Patent sealed.</i>
STEVENS. 11th April 1861.	893. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"An improved apparatus for raising liquids especially beer and wine from casks."— <i>A communication to him from abroad by Mrs. Anne Frederique Dieuan, of 42, rue Laffitte, Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
KERNOT. RUCKER. 11th April 1861.	894. CHARLES NOYES KERNOT, of Gloucester House, West Cowes, Isle of Wight, in the County of Southampton, Gentleman, and MARTIN DIEDERICH RUCKER, of 116, Fenchurch Street, in the City of London, Gentleman, for an invention for—"Improvements in the method of obtaining ammoniacal salts and other valuable products from liquors or substances containing ammonia and for utilizing the residuum." <i>Provisional protection only.</i>
BROOMAN. 11th April 1861.	895. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in sizing or preparing paper and textile fabrics in order to render them waterproof and to increase the strength thereof."— <i>A communication to him from abroad by Leon Bertin, and Pierre Carteron, of Paris, France.</i> <i>Letters Patent sealed.</i>
SMITH. 11th April 1861.	896. RICHARD SMITH, of Shaw House, Melksham, in the County of Wilts, Gentleman, for an invention for—"Improvements in roller blind apparatus." <i>Provisional protection only.</i>
NEWTON. 11th April 1861.	897. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in pressure gauges."— <i>A communication to him from abroad by John Leavens, of the City of New York, in the United States of America.</i> <i>Letters Patent sealed.</i>
ROBERTS. 11th April 1861.	898. SAMUEL ROBERTS, of Hull, in the County of York, Engineer, for an invention for—"Improvements in steam-engines and in generators to be used therewith." <i>Letters Patent sealed.</i>
DUNLOP. 11th April 1861.	899. JOHN MACMILLAN DUNLOP, of Manchester, Engineer, for an invention for—"Improvements in machinery for cleansing cotton." <i>Letters Patent sealed.</i>
SALISBURY. TURNER. 12th April 1861.	900. SILAS COVELL SALISBURY, of Essex Street, Strand, in the City of Westminster, Gentleman, and JOSIAH TURNER, of Dalston, in the County of Middlesex, Mechanician, for an invention for—"An improvement applicable to shuttles for the saving of cop waste." <i>Provisional protection only.</i>
HASELER. 12th April 1861.	901. GEORGE CARTER HASELER, of 19, Vittoria Street, Birmingham, in the County of Warwick, Jeweller, for an invention for—"Improvements in the joints or hinges of lockets." <i>Provisional protection only.</i>
CARR. 12th April 1861.	902. THOMAS CARR, of Chowbent, in the County of Lancaster, Screw Bolt Manufacturer, for an invention for—"Improvements in machinery or apparatus for forging and shaping articles of iron or other metal or material." <i>Letters Patent sealed.</i>
WARD. GREENWOOD. 12th April 1861.	903. JOSEPH WARD, of Blackburn, and RHODES GREENWOOD, of Whittle-le-Woods, in the County of Lancaster, for an invention for—"Improvements in machinery or apparatus for preparing fibrous materials to be spun." <i>Letters Patent sealed.</i>

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| DOUGLAS.
12th April 1861. | 904. JOSEPH DOUGLAS, of 255, Blackfriars Road, in the County of Surrey, Range Manufacturer, for an invention for—"Improvements in kitchen ranges."
<i>Provisional protection only.</i> |
| GWYNNE.
13th April 1861. | 905. JAMES EGLINTON ANDERSON GWYNNE, of Essex Street Wharves, Strand, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in machines for breaking, crushing and reducing stones and other substances."
<i>Provisional protection only.</i> |
| RIVETT.
13th April 1861. | 903. JOSEPH CEDRIC RIVETT, of Prestolee New Mills, Farnworth, near the City of Manchester, Cotton Spinner, for an invention for—"Certain improvements in machinery for carding cotton and other fibrous materials." <i>Letters Patent sealed.</i> |
| BAILEY.
13th April 1861. | 907. THOMAS BAILEY, of Aston Road, Birmingham, in the County of Warwick, Gun Manufacturer, for an invention for—"Improvements in breech loading fire-arms." <i>Letters Patent sealed.</i> |
| COOPER.
13th April 1861. | 908. JOSEPH ROCK COOPER, of Birmingham, in the County of Warwick, Gun Manufacturer, for an invention for—"An improvement in or addition to certain kinds of breech loading fire-arms and ordnance." <i>Letters Patent sealed.</i> |
| SILVESTER.
13th April 1861. | 909. JOHN SILVESTER, of the firm of George Salter and Company, of West Bromwich, in the County of Stafford, Manufacturers, for an invention for—"Improvements in spring balances or weighing-machines and in dynamometers." <i>Letters Patent sealed.</i> |
| DELANNOY.
13th April 1861. | 910. ALBERT FRANÇOIS DELANNOY, of Paris, France, Civil Engineer, for an invention for—"Improvements in boxes and bearings for lubricating the axles and journals of wheels, also applicable to lubricating the shafts or axles of machinery in general." <i>Letters Patent sealed.</i> |
| GRAHAM.
13th April 1861. | 911. GEORGE GRAHAM, Manager of the Dalquhurn Turkey-red Dye Works, in the County of Dumbarton, North Britain, for an invention for—"Improvements relating to ornamental cotton fabrics having turkey-red grounds." <i>Letters Patent sealed.</i> |
| MADEN.
WHEATER.
13th April 1861. | 912. HENRY MADEN, of Bacup, in the County of Lancaster, Cotton Spinner and Manufacturer, and JAMES WHEATER, of the same place, Mechanic, for an invention for—"Certain improvements in machinery or apparatus for spinning cotton, wool, flax, silk and other fibrous substances." <i>Letters Patent sealed.</i> |
| CORKE.
13th April 1861. | 913. EDGAR CORKE, of Southborough, Tonbridge Wells, in the County of Kent, Gentleman, for an invention for—"An improved instrument to be fixed on the bayonet or muzzle of a rifle for estimating distances." <i>Provisional protection only.</i> |
| ROBERTS.
13th April 1861. | 914. CHARLES ROBERTS, of Douglas, in the Isle of Man, Gentleman, for an invention for—"Improvements in boots and shoes and other similar coverings for the feet." <i>Letters Patent sealed.</i> |
| ABEL.
13th April 1861. | 915. CHARLES DENTON ABEL, Patent Agent, of 20, Southampton Buildings, Chancery Lane, in the County of Middlesex, for an invention for—"Improvements in the construction of turntables."— <i>A communication to him from abroad by Jean Joseph Adolphe Poulet, residing at Paris, in France.</i> <i>Provisional protection only.</i> |
| ELEY.
13th April 1861. | 916. WILLIAM THOMAS ELEY, of the Firm of Eley, Brothers, of Gray's Inn Road, in the County of Middlesex, for an invention for—"Improvements in the manufacture of cartridge cases for breech-loading fire-arms." <i>Letters Patent sealed.</i> |
| ABEL.
13th April 1861. | 917. CHARLES DENTON ABEL, Patent Agent, of 20, Southampton Buildings, Chancery Lane, in the County of Middlesex, for an invention for—"Improvements in machinery for forging nails."— <i>A communication to him from abroad by S. Menans, residing at Paris, in France.</i> <i>Letters Patent sealed.</i> |
| WRIGHT.
13th April 1861. | 918. JAMES WRIGHT, of 42, Bridge Street, Blackfriars, in the City of London, Civil Engineer, for an invention for—"Improvements in the mode of manufacturing and designing postage letter paper, postage envelopes for letters, and postage wrappers or covers for newspapers and other printed matter."— <i>A communication to him from abroad by John Boyles Murray, Banker, New York, United States of America.</i> <i>Provisional protection only.</i> |
| BRADBURY.
15th April 1861. | 919. ASA BRADBURY, of Oldham, in the County of Lancaster, Manager, for an invention for—"Improvements in machinery for spinning and doubling cotton and other fibrous materials." <i>Provisional protection only.</i> |

SHANKS. 15th April 1861.	920. ANDREW SHANKS, Engineer, 6, Robert Street, Adelphi, Westminster, for an invention for—"Improvements in machines for drilling and boring metals." <i>Letters Patent sealed.</i>
BROOKS. 15th April 1861.	921. EDGAR BROOKS, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"New or improved machinery for grinding and polishing swords, matchetts and knives, which said machinery may also be employed for grinding gun barrels and files, and for other like purposes." <i>Letters Patent sealed.</i>
SMITH. CHEASE. 15th April 1861.	922. JAMES SMITH, of Seaforth, near Liverpool, in the County of Lancaster, Gentleman, and SYDNEY ARTHUR CHEASE, of Liverpool, aforesaid, Gentleman, for an invention for—"Improved arrangement of engine for obtaining and applying motive-power." <i>Provisional protection NOT granted.</i>
SAX. 15th April 1861.	923. ALPHONSE SAX, of Paris, France, manufacturer of brass musical instruments, for an invention for—"Improvements in ordnance and projectiles." <i>Letters Patent sealed.</i>
MILLER. 15th April 1861.	924. THOMAS MILLER, of Fossaway, in the County of Perth, North Britain, Millwright, Engineer and Engineering Draughtsman, for an invention for—"Improvements in the method of and machinery for preparing india-rubber and other similar gums for insulating telegraphic wires, and in machinery for laying or applying strips of india-rubber and other similar gums or strips of fibrous or textile material on to telegraphic wires." <i>Letters Patent sealed.</i>
FURLEY. 15th April 1861.	925. ROBERT CHARLES FURLEY, of Edinburgh, in the County of Mid-Lothian, for an invention for—"Rendering pills tasteless by means of a coating of albumen." <i>Provisional protection only.</i>
LENNARD. 15th April 1861.	926. FREDERICK LENNARD, of Belgrave Gate, in the Borough of Leicester, Mechanic, for an invention for—"Improvements in the manufacture of looped pile fabrics." <i>Letters Patent sealed.</i>
GYE. 15th April 1861.	927. FREDERICK GYE, of Wandsworth Road, in the County of Surrey, for an invention for—"Improvements in obtaining light and in the apparatus employed therein." <i>Letters Patent sealed.</i>
RIDGE. 16th April 1861.	928. SAMUEL RIDGE, of Hoviley Bridge, near Hyde, in the County of Chester, Millwright, for an invention for—"Improvements in apparatus applicable to steam-boilers and steam-engines." <i>Letters Patent sealed.</i>
EDEN. 16th April 1861.	929. FREDERICK MORTON EDEN, of No. 5, Hare Court, Temple, in the County of Middlesex, for an invention for—"An improved method of manufacturing silicate of lime or hydraulic cement." <i>Provisional protection only.</i>
EDEN. 16th April 1861.	930. FREDERICK MORTON EDEN, of No. 5, Hare Court, Temple, in the County of Middlesex, for an invention for—"An improved cartridge for breech loading guns." <i>Provisional protection only.</i>
GIPOULOUX. 16th April 1861.	931. PIERRE GIPOULOUX, of 20, Rue Thevenot, Paris, for an invention for—"An improved cooking stove." <i>Letters Patent sealed.</i>
MALCOLM. 16th April 1861.	932. JAMES DRYSDALE MALCOLM, of Brixton, in the County of Surrey, Chemist, for an invention for—"Improvements in the manufacture of nitric acid and caustic soda, which are also applicable to the obtaining of other chemical products." <i>Provisional protection only.</i>
RANSOME. 16th April 1861.	933. ROBERT RANSOME, of Ipswich, in the County of Suffolk, for an invention for—"Improvements in inkstands." <i>Letters Patent sealed.</i>
FLETCHER. 16th April 1861.	934. CHARLES FLETCHER, of Nottingham, Chenille Manufacturer, for an invention for—"Improved machinery or apparatus for the manufacture of chenille." <i>Letters Patent sealed.</i>
HODGSON. HOLDEN. 16th April 1861.	935. ROBERT HODGSON, of Carlisle, in the County of Cumberland, Manager, and ENOCH HOLDEN, of the same place, Dyer, for an invention for—"Improvements in the manufacture of soap." <i>Letters Patent sealed.</i>
CHALMERS. 16th April 1861.	936. DAVID CHALMERS, of Glasgow, in the County of Lanark, North Britain, Machinist, for an invention for—"Improvements in looms for weaving." <i>Provisional protection only.</i>

JENKINS. 17th April 1861.	937. WILLIAM JENKINS, of Montpelier Street, Brompton, in the County of Middlesex, Gentleman, for an invention for—"Improvements in medicated belts or bands for the alleviation of pain in or prevention of cholera, and for the prevention or cure of pulmonary or other complaints." <i>Letters Patent sealed.</i>
JONES. MALLINSON. 17th April 1861.	938. THOMAS JONES, of the firm of Messrs. Barlow, Goody and Jones, of Bolton-le-Moors, in the County of Lancaster, Manufacturers, and GEORGE MALLINSON, of Salford, in the same County, Pattern Designer, for an invention for—"Certain improvements in the manufacture of piled fabrics." <i>Provisional protection only.</i>
HILL. 17th April 1861.	939. JOHN REED HILL, Civil Engineer and Patent Agent, of 7, Duke Street, Adelphi, London, for an invention for—"Improvements in clutches or connections for machinery." <i>Letters Patent sealed.</i>
ANTHONISSEN. 17th April 1861.	940. HENRY ANTHONISSEN, of Brussels, in the Kingdom of Belgium, Baker, for an invention for—"An improved method of making bread and obtaining starch from the materials employed simultaneously." <i>Provisional protection only.</i>
VICKERMAN. 17th April 1861.	941. JOSEPH VICKERMAN, of Taylor Hill, near Huddersfield, in the West Riding of the County of York, for an invention for—"Improvements in syphons for carrying off the condensed water from steam pipes." <i>Letters Patent sealed.</i>
LEROY. 17th April 1861.	942. GUSTAVE LEROY, of the City of Bristol, Soda Water Manufacturer, for an invention for—"An improved construction of vessel for containing aerated liquids." <i>A communication to him from abroad by Auguste Savareze, of Paris, in the Empire of France. Letters Patent sealed; no specification filed.</i>
DIXON. 17th April 1861.	943. WILLIAM ALLEN DIXON, of Newport, Mon., Architect, for an invention for—"Improvements in plastering walls and ceilings." <i>Letters Patent sealed.</i>
BROWN. HACKING. 17th April 1861.	944. BENJAMIN BROWN, of Bury, in the County of Lancaster, Mechanic, and RICHARD HACKING, of the same place, Machine Maker, for an invention for—"Certain improvements in machinery or apparatus employed in spinning cotton, wool, silk and other fibrous substances." <i>Letters Patent sealed; no specification filed.</i>
CLARK. 17th April 1861.	945. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"An improved arrangement of atmospheric post for the transmission of letters, papers and other despatches and articles in tubes." <i>A communication to him from abroad by François Antoine Kieffer, Engineer, of Paris, in the Empire of France. Letters Patent sealed.</i>
DUCKHAM. 17th April 1861.	946. HENRY ALEXANDER FREDERICK DUCKHAM, of Clerkenwell Green, in the County of Middlesex, Gas Regulator Manufacturer, for an invention for—"Improvements in gas meters and regulators, and in compounding materials to be used as a coating for or in the composition of substances subject to the action of gas." <i>Provisional protection only.</i>
NORTON. 18th April 1861.	947. CHARLES NORTON, of 2 C ^t , 6 House, Hanley Street, Birmingham, Warwickshire, for an invention for—"Improvements in the manufacture of ornamental eyelets." <i>Provisional protection only.</i>
CARSTANJEN. 18th April 1861.	948. HUGO CARSTANJEN, of Cologne, for an invention for—"Improvements in the apparatus for and method of increasing the illuminating power of gas." <i>Provisional protection only.</i>
STEVENS. 18th April 1861.	949. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"Improved bands for transmitting motion to machinery." <i>A communication to him from abroad by Jean Joseph Thiberge, of 42, Rue Laffitte, Paris, in the Empire of France. Letters Patent sealed.</i>
JONES. 18th April 1861.	950. HENRY JONES, of Birmingham, in the County of Warwick, Gun Manufacturer, for an invention for—"Improvements in certain kinds of breech loading fire-arms." <i>Letters Patent sealed.</i>
WILKINSON. 18th April 1861.	951. THOMAS BORRETT WILKINSON, of Deptford, in the County of Kent, Engineer, for an invention for—"An improved means for securing a watch in the pocket of the wearer." <i>Provisional protection only.</i>
MORGAN. 18th April 1861.	952. EDWARD MORGAN, of Liverpool, in the County of Lancaster, Engineer, for an invention for—"Improvements in ships and other pumps." <i>Provisional protection only.</i>

BROWN. HACKING. 18th April 1861.	953. BENJAMIN BROWN, of Bury, in the County of Lancaster, Mechanic, and RICHARD HACKING, of the same place, Machine Maker, for an invention for—"Certain improvements in machinery or apparatus to be employed in preparing cotton and other fibrous materials for spinning, called 'roving frames' and 'slubbing frames.'" <i>Letters Patent sealed; no specification filed</i>
BRYSON. 18th April 1861.	954. JAMES BRYSON, of Worcester Street, Birmingham, in the County of Warwick, Engineer, for an invention for—"Improvements in weighing-machines." <i>Provisional protection only.</i>
BROOMAN. 18th April 1861.	955. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in producing photographic pictures."— <i>A communication to him from abroad by Adolphe Fargier, and Nicolas Charavet, of Paris, France.</i> <i>Letters Patent sealed.</i>
NEWTON. 18th April 1861.	956. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improvements in machinery or apparatus for cleaning cotton and other fibrous substances."— <i>A communication to him from abroad by Isaac Hayden, of Lawrence, Massachusetts, United States of America.</i> <i>Letters Patent sealed.</i>
JORDAN. 18th April 1861.	957. CHARLES JORDAN, Iron Founder, of Newport, in the County of Monmouth, for an invention for—"Improvements in apparatus for drying the moulds and cores used for iron or other castings." <i>Letters Patent sealed.</i>
BUCHANAN. 18th April 1861.	958. MARY BUCHANAN, of Glasgow, in the County of Lanark, North Britain, for an invention for—"Improvements in gloves." <i>Provisional protection only.</i>
JOHNSON. 18th April 1861.	959. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain Gentleman, for an invention for—"Improvements in electric telegraph apparatus."— <i>A communication to him from abroad by Marco Maroni, of Turin, in the Kingdom of Sardinia, Engineer.</i> <i>Provisional protection only.</i>
BENSON. 18th April 1861.	960. WILLIAM BENSON, of Allerwash House, Hexham, in the County of Northumberland, Colliery Owner, for an invention for—"Improvements in the construction of furnaces for the better combustion of fuel and the prevention of smoke." <i>Provisional protection only.</i>
EAVES. 19th April 1861.	961. ARTHUR FREDERICK EAVES, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"An improvement or improvements in the manufacture of the bezels or rings used in glazing the dials of clocks, barometers and steam gauges, and for other like purposes." <i>Provisional protection only.</i>
MINGAUD. 19th April 1861.	962. PHILIPPE MINGAUD, Chemist, of No. 42, rue Laffite, Paris, in the Empire of France, for an invention for—"Improvements in obtaining jellies, syrups and drinks from the tree arbutus unedo or arbousier." <i>Letters Patent sealed.</i>
BRIERLEY. 19th April 1861.	963. JAMES MAKINSON BRIERLEY, of the City of Manchester, in the County of Lancaster, Manufacturer, for an invention for—"Improvements in the manufacture of woven fabrics applicable to crinoline skirts and petticoats or other similar articles." <i>Provisional protection only.</i>
RILEY. WOLSTENHOLME. 19th April 1861.	964. ISAAC RILEY, and THOMAS CARNS WOLSTENHOLME, of Blackburn, in the County of Lancaster, Plumbers and Brass Founders, for an invention for—"Improvements in heating apparatus for domestic and other purposes." <i>Provisional protection only.</i>
MACLAREN. 19th April 1861.	965. ROBERT MACLAREN, of Glasgow, in the County of Lanark, North Britain, Ironfounder, for an invention for—"Improvements in jointing or connecting pipes." <i>Provisional protection only.</i>
RIDLEY. 19th April 1861.	966. JOHN RIDLEY, of Stagshaw, in the County of Northumberland, Gentleman, for an invention for—"Improvements in steam generators and superheaters." <i>Letters Patent sealed.</i>
RIDLEY. 19th April 1861.	967. JOHN RIDLEY, of Stagshaw, in the County of Northumberland, Gentleman, for an invention for—"Improvements in cutting apparatuses for reaping and mowing machines." <i>Provisional protection only.</i>
RIDLEY. 19 April 1861.	968. JOHN RIDLEY, of Stagshaw, in the County of Northumberland, Gentleman, for an invention for—"An improved portable cinder sifting apparatus." <i>Letters Patent sealed.</i>

GROVE. 19th April 1861.	969. WILLIAM GROVE, of 104, Shoe Lane, in the City of London, Gentleman, for an invention for—"Improvements in or connected with cylinder printing machines." <i>Letters Patent sealed.</i>
JONES. 19th April 1861.	970. FREDERICK JOHN JONES, of Aldermanbury, in the City of London, Warehouseman, for an invention for—"An improvement in braces." <i>Provisional protection only.</i>
SCHENKL. 19th April 1861.	971. JOHN P. SCHENKL, of Boston, of the State of Massachusetts, of the United States of America, for an invention for—"A new and useful packing for projectiles for guns or ordnance, especially those which are rifled or grooved on their bores." <i>Complete specification; Letters Patent sealed.</i>
JOBSON. 19th April 1861.	972. JOHN JOBSON, of Derby, in the County of Derby, Ironfounder, for an invention for—"Certain improvements in apparatus to be employed in connection with cornish and other similar boilers, for the purpose of consuming the smoke." <i>Provisional protection only.</i>
HUDSON. CATLOW. 19th April 1861.	973. WILLIAM HUDSON, of Burnley, in the County of Lancaster, Gentleman, and CHRISTOPHER CATLOW, of the same place, Overlooker, for an invention for—"Improvements in looms for weaving." <i>Letters Patent sealed.</i>
PARKES. 19th April 1861.	974. HENRY PARKES, of Birmingham, in the County of Warwick, Chemist, for an invention for—"Improvements in producing ornamented surfaces of metal and other materials." <i>Letters Patent sealed.</i>
GJERS. 19th April 1861.	975. JOHN GJERS, of Middlesbro'-on-Tees, County of York, for an invention for—"Improvements in the construction of machinery or apparatus for obtaining motive-power." <i>Letters Patent sealed; no specification filed.</i>
RYDER. RYDER. 20th April 1861.	976. WILLIAM RYDER, of Bolton-le-Moors, in the County of Lancaster, Roller and Spindle Maker, and THOMAS RYDER, of the same place, Foreman, for an invention for—"Improvements in machines for fluting rollers and for shaping metals." <i>Letters Patent sealed.</i>
SMITH. 20th April 1861.	977. MATTHEW SMITH, of Birmingham, in the County of Warwick, Manager of Works, for an invention for—"Improvements in annealing pots or pans." <i>Letters Patent sealed.</i>
WHITEHOUSE. 20th April 1861.	978. JOHN WHITEHOUSE, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"Improvements in the manufacture of door and other knobs, and the ornaments of the pillars of metallic bedsteads and other articles of like manufacture." <i>Letters Patent sealed.</i>
PINCHBECK. 20th April 1861.	979. JAMES PINCHBECK, of 35, Whiskin Street, Clerkenwell, in the County of Middlesex, Gas Meter Manufacturer, for an invention for—"Improvements in wet gas meters." <i>Letters Patent sealed.</i>
BROOMAN. 20th April 1861.	980. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in mills for grinding corn and other grain."— <i>A communication to him from abroad by Joseph Perrigault, of Rennes, France.</i> <i>Letters Patent sealed.</i>
NOIROT. 20th April 1861.	981. JEAN BAPTISTE JULES NOIROT, of 29, Boulevard St. Martin, Paris, in the Empire of France, Manufacturer of India-rubber articles, for an invention for—"An improved process for manufacturing india-rubber pipes."— <i>Letters Patent sealed.</i>
CLARK. 20th April 1861.	982. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in ornamenting porcelain and other earthen wares and glass."— <i>A communication to him from abroad by Samuel Daniel, of Paris, in the Empire of France, Engine Turner.</i> <i>Letters Patent sealed.</i>
WEBSTER. 20th April 1861.	983. JAMES WEBSTER, of Birmingham, in the County of Warwick, Engineer, for an invention for—"Improvements in manufacturing oxygen gas and obtaining certain other products." <i>Provisional Protection only.</i>
HASKARD. DEAN. DEAN. 20th April 1861.	984. SAMUEL BURTON HASKARD, of Wallaton Street, in the town and County of the town of Nottingham, Spring Point and Guide Manufacturer, and JOHN DEAN, and EDWARD DEAN, both of Radford, in the County of Nottingham, Mechanics, for an invention for—"Improvements in machinery for the manufacture of looped fabrics." <i>Letters Patent sealed.</i>

WADDELL. 20th April 1861.	985. JAMES WADDELL, of 6, Hill Street, Knightsbridge, for an invention for—"Improvements in drums." <i>Provisional protection only.</i>
SMITH. 20th April 1861.	986. AARON SMITH, of Daisy Bank, in the Parish of Sedgley, and County of Stafford, Puddler, for an invention for—"Improvements in apparatus for ventilating forges and other overheated workshops." <i>Provisional protection only.</i>
HUDDART. HUDDART. 20th April 1861.	987. GEORGE AUGUSTUS HUDDART, and JOSEPH DURHAM ERSKINE HUDDART, both of Brynkir, in the County of Carnarvon, Gentlemen, for an invention for—"Improvements in steam and other engines." <i>Letters Patent sealed.</i>
NEWTON. 20th April 1861.	988. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"An improved mode of bleaching and refining oils and other fatty substances."— <i>A communication to him from abroad by Ferdinand Feist Mayer, of the City of New York, United States of America.</i> <i>Provisional protection only.</i>
NEWTON. 20th April 1861.	989. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improvements in the construction of liquid meters."— <i>A communication to him from abroad by Gottfried Kober, of the City of New York, United States of America.</i> <i>Letters Patent sealed.</i>
LEETCH. 22nd April 1861.	990. JAMES LEETCH, Gun Maker, of 68, Margaret St, in the County of Middlesex, for an invention for—"Improvements in the manufacture of breech loading fire-arms, and a new method of attaching the barrel or barrels of a gun to the stock." <i>Provisional protection only.</i>
MOORE. HIGGIN. 22nd April 1861.	991. HENRY MOORE, Cotton Spinner, and ABRAHAM HIGGIN, Manager, both of Burnley, in the County of Lancaster, for an invention for—"Improvements in machinery or apparatus for spinning and doubling cotton, wool, flax and other fibrous materials." <i>Provisional protection only.</i>
HAWKER. 22nd April 1861.	992. THOMAS PARRY HAWKER, of Plymouth, in the County of Devon, Gentleman, for an invention for—"Improvements in the manufacture of cartridges." <i>Provisional protection only.</i>
BOURNE. DAVIS. 22nd April 1861.	993. EDWARD DOUGLAS BOURNE, of Birmingham, in the County of Warwick, Accountant Clerk, and PAUL DAVIS, of Birmingham aforesaid, Manufacturer, for an invention for—"Improvements in certain kinds of cornice poles and curtain rods, and in the runners used in cornice poles and curtain rods, and in the manufacture of tubing to be made into the said cornice poles and curtain rods." <i>Letters Patent sealed.</i>
DUGDALE. 22nd April 1861.	994. ANTHONY DUGDALE, of Paris, France, Manufacturer, for an invention for—"Improvements in centrifugal governors for steam-engines." <i>Letters Patent sealed.</i>
TARBOURIECH. 22nd April 1861.	995. HYPOLITE TARBOURIECH, Engineer, of Paris, Numero 42, Laffitte Street, Empire of France, for an invention for—"A double system mixed press." <i>Provisional protection only.</i>
BELDING. 22nd April 1861.	996. GEORGE WASHINGTON BELDING, of No. 3, Moor Lane, Cripplegate, in the City of London, Manager of the business of Messieurs Thomson and Company, Crinoline Manufacturers, of the same place, for an invention for—"Improvements in sewing-machines."— <i>A communication to him from abroad by William Sparks Thomson, a person resident at No. 336, Broadway, New York, in the United States of America.</i> <i>Provisional protection only.</i>
BELDING. 22nd April 1861.	997. GEORGE WASHINGTON BELDING, of No. 3, Moor Lane, Cripplegate, in the City of London, Manager of the business of Messieurs Thomson and Company, of the same place, Crinoline Manufacturers, for an invention for—"Improvements in machines for making pointed tape trimming."— <i>A communication to him from abroad by William Sparks Thomson, a person resident at No. 336, Broadway, New York, in the United States of America.</i> <i>Provisional protection NOT granted.</i>
DOWLING. 22nd April 1861.	998. JOHN THOMAS DOWLING, of 21, Frampton Park Road, Hackney, in the County of Middlesex, for an invention for—"An improved instrument applicable to time keepers for presenting to view numerals to indicate time." <i>Provisional protection only.</i>

- CAREY.
22nd April 1861. 999. CHARLES CAREY, of Kennington Green, in the County of Surrey, for an invention for—"Improvements in the apparatus used in making infusions of coffee and other substances." *Letters Patent sealed.*
- HENRY.
22nd April 1861. 1000. ALEXANDER HENRY, of Edinburgh, in the County of Mid-Lothian, North Britain, Gunmaker, for an invention for—"Improvements in fire-arms and in apparatus to be used therewith." *Letters Patent sealed.*
- SHAW.
SNODGRASS.
23rd April 1861. 1001. RICHARD SHAW, of Patricroft, near the City of Manchester, Cotton Spinner, and WILLIAM SNODGRASS, of Portlaw, in the County of Waterford, in Ireland, Machinist, for an invention for—"Certain improvements in machinery for spinning cotton and other fibrous materials." *Provisional protection only.*
- HALL.
23rd April 1861. 1002. THOMAS YOUNG HALL, of the Town and County of Newcastle-upon-Tyne, Coal Owner, for an invention for—"Improvements in safety lamps and in domestic grates, stoves and furnaces." *Letters Patent sealed.*
- CLARK.
23rd April 1861. 1003. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in looms for weaving stays or corsets and other similar articles."—*A communication to him from abroad by Alexis Manigot, of Paris, in the Empire of France, Merchant.* *Letters Patent sealed.*
- PETERS.
23rd April 1861. 1004. THOMAS PETERS, of Great Alie Street, Whitechapel, for an invention for—"Improvements in machinery or apparatus for moving, conveying, transporting or transmitting bodies." *Provisional protection only.*
- SAMUDA.
23rd April 1861. 1005. JOSEPH D'AGUILAR SAMUDA, of Poplar, in the County of Middlesex, Engineer and Iron Ship Builder, for an invention for—"Improvements in the construction of iron vessels of war." *Letters Patent sealed.*
- WARD.
23rd April 1861. 1006. PETER WARD, of 2, Clouds Hill Villas, Bristol, for an invention for—"Improvements in the manufacture of sulphuric acid." *Letters Patent sealed.*
- MARSHALL.
23rd April 1861. 1007. JOHN MARSHALL, of 4, Richard Street, Liverpool Road, Islington, in the County of Middlesex, for an invention for—"Improvements in apparatus used for retarding and stopping railway carriages, and in the construction of railway axles." *Provisional protection only.*
- RICHARDSON.
23rd April 1861. 1008. THOMAS RICHARDSON, of Newcastle-on-Tyne, for an invention for—"Improvements in the purification of coal gas." *Provisional protection only.*
- BENTALL.
23rd April 1861. 1009. EDWARD HAMMOND BENTALL, of Heybridge, near Maldon, in the County of Essex, Agricultural Implement Maker, for an invention for—"Improvements in constructing the framing of various kinds of agricultural implements." *Letters Patent sealed.*
- BENTALL.
23rd April 1861. 1010. EDWARD HAMMOND BENTALL, of Heybridge, near Maldon, in the County of Essex, Agricultural Implement Maker, for an invention for—"Improved machinery for cutting or pulping roots to be used as food for cattle." *Letters Patent sealed.*
- WARRY.
23rd April 1861. 1011. ROBERT WARRY, of Chatham, in the County of Kent, Armoury Sergeant, for an invention for—"Improvements in the construction of breechloading ordnance and in the carriages and projectiles used for the same." *Provisional protection only.*
- HENRY.
23rd April 1861. 1012. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in apparatus for aerating liquids."—*A communication to him from abroad by Jean Auguste Bazet, of 33, Boulevard St Martin, Paris.* *Letters Patent sealed.*
- HENRY.
23rd April 1861. 1013. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in telegraphic apparatus."—*A communication to him from abroad by Ernest Gabriel Baptiste Guillier, of 33, Boulevard Saint Martin, Paris.* *Provisional protection only.*
- LEIGHTON.
24th April 1861. 1014. ALFRED LEIGHTON, of No 9, Buckingham Street, Strand, in the Parish of Saint Martins in the Fields, in the County of Middlesex, for an invention for—"Improvements in springs." *Provisional protection only.*
- HANDLEY.
24th April 1861. 1015. SAMPSON HANDLEY, of Cancel Street, Walworth, in the County of Surrey, Confectioner, for an invention for—"Improved apparatus for receiving and consuming the residues of candles or other fatty or oleaginous substances." *Provisional protection only.*

WOODCOCK. 24th April 1861.	1016. EBENEZER WOODCOCK, of Forest Hill, in the County of Surrey, Architect and Surveyor, for an invention for—"Improvements in treating flax, hemp, reha, china-grass, New Zealand flax, plaintain and other vegetable fibres, and in the means or apparatus employed therein."— <i>A communication to him from abroad by George Rutter, of Boulogne-sur-mer, in the Empire of France, Engineer.</i> <i>Letters Patent sealed.</i>
BRAMWELL. 24th April 1861.	1017. FREDERICK JOSEPH BRAMWELL, of 35A, Great George Street, Westminster, in the County of Middlesex, for an invention for—"Improvements in machinery for spinning fibrous materials." <i>Letters Patent sealed.</i>
LECOT. 24th April 1861.	1018. EMILE LECOT, of 26, Cecil Street, Strand, in the County of Middlesex, for an invention for—"An improved nose-bag for horses."— <i>A communication to him from abroad by Rose Marie Victoire Celestine Carbonino Veuve de Favre, of Paris, in the Empire of France.</i> <i>Provisional protection only.</i>
STEVENS. 24th April 1861.	1019. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"A new artificial manure."— <i>A communication to him from abroad by Hypolite Louis Marie Planchais, of 42, Rue Laffitte, Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
DAVIS. DAVIS. 24th April 1861.	1020. GEORGE DANIEL DAVIS, of Number 3, Bromley Terrace, Saint Leonard's Road, in the County of Middlesex, and JOSEPH DAVIS, of Number 20, Archer Terrace, East India Road, in the same County, for an invention for—"Improvements in machinery for raising anchors, stopping cables, preventing cables from riding and other like purposes." <i>Letters Patent sealed.</i>
LORD. HILTON. 24th April 1861.	1021. WILLIAM LORD, of Royton, near Oldham, Cotton Spinner, and JOSEPH HILTON, of the same place, Spinner, both in the County of Lancaster, for an invention for—"Improvements in self-acting mules." <i>Provisional protection only.</i>
RHODES. KEMP. 24th April 1861.	1022. JOSEPH RHODES, of Morley, near Leeds, in the County of York, Machine Maker, and RICHARD KEMP, of Leeds, aforesaid, Rag grinder, for an invention for—"Improvements in rag machines." <i>Letters Patent sealed.</i>
GISBORNE. 24th April 1861.	1023. FREDERIC NEWTON GISBORNE, of N° 3, Adelaide Place, London Bridge, in the City of London, Engineer and Electrician, for an invention for—"Improvements in the construction of electric targets for rifle and gun practice." <i>Provisional protection only.</i>
BIRKBECK. 24th April 1861.	1024. GEORGE HENRY BIRKBECK, of the firm of Tongue & Birkbeck, of 34, Southampton Buildings, Chancery Lane, in the County of Middlesex, Patent Agents and Engineers, for an invention for—"Improvements in separating or extracting silver from lead."— <i>A communication to him from abroad by Jules Frederick de La Batie, Advocate, and Clement Roswag, both of Paris, in the Empire of France.</i> <i>Provisional protection only.</i>
WILSON. 24th April 1861.	1025. WILLIAM WILSON, of the Borough and County of Newcastle-upon-Tyne, Hat Manufacturer, for an invention for—"Improvements in the manufacture of hats." <i>Letters Patent sealed.</i>
STONE. 24th April 1861.	1026. DANIEL STONE, of the City of Manchester, in the County of Lancaster, Analytical Chemist, for an invention for—"Improvements in arrangements or apparatus for preventing water pipes from bursting by the action of frost." <i>Provisional protection only.</i>
BENTALL. 24th April 1861.	1027. EDWARD HAMMOND BENTALL, of Heybridge, near Maldon, in the County of Essex, Agricultural Implement Maker, for an invention for—"Improved apparatus for transmitting motion to machinery to be driven by horse power." <i>Letters Patent sealed.</i>
GREENWOOD. 24th April 1861.	1028. THOMAS GREENWOOD, of Leeds, in the County of York, Machinist, for an invention for—"Improvements in the construction and working of saw frames." <i>Letters Patent sealed.</i>
SCOTT. 25th April 1861.	1029. GEORGE SCOTT, Engineer, of the "Alpha Works," Isle of Dogs, in the County of Middlesex, for an invention for—"Improvements in steam-engines and their apparatus for generating steam." <i>Letters Patent sealed.</i>
TAYLOR. 25th April 1861.	1030. THOMAS TAYLOR, of N° 7, Wellington Row, Bethnal Green, in the County of Middlesex, for an invention for—"Improvements in machinery for cutting certain fabrics into strips." <i>Provisional protection only.</i>

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| <p>BARKER.
25th April 1861.</p> <p>BARTHOLOMEW.
BISSETT.
25th April 1861.</p> <p>LEFOL.
25th April 1861.</p> <p>CALLEBAUT.
25th April 1861.</p> <p>HARRIS.
25th April 1861.</p> <p>GARDINER.
25th April 1861.</p> <p>GARNER.
25th April 1861.</p> <p>GRAY.
25th April 1861.</p> <p>FOX.
25th April 1861.</p> <p>STRANGMAN.
25th April 1861.</p> <p>TEMPLETON.
25th April 1861.</p> <p>HUGHES.
HILL.
25th April 1861.</p> <p>MOORE.
25th April 1861.</p> <p>NEWTON.
25th April 1861.</p> <p>SALISBURY.
STARLEY.
25th April 1861.</p> | <p>1031. DELABERE BARKER, of Clapham, in the County of Surrey, Civil Engineer, for an invention for—"Improvements in signalling and in apparatus connected therewith adapted to communicating from the land to vessels at sea and also applicable to other purposes."—<i>A communication to him from abroad by Thomas T. Vernon Smith, of St. John, New Brunswick, British North America.</i>
<i>Letters Patent sealed.</i></p> <p>1032. GEORGE BARTHOLOMEW, and WILLIAM BISSETT, both of Hoxton Square, Middlesex, Tin Plate and Zinc Workers, for an invention for—"Improvements in portable fountains."
<i>Provisional protection only.</i></p> <p>1033. PIERRE CASIMIR LEFOL, of 2, rue Sainte Appoline, Paris (Empire of France), and of 4, South Street, Finsbury, London, for an invention for—"Improvements in the manufacture of iron wheels."
<i>Letters Patent sealed.</i></p> <p>1034. CHARLES CALLEBAUT, of 2, rue S^{te} Appoline, Paris (Empire of France), and of 4, South Street, Finsbury, London, Merchant, for an invention for—"Improvements in sewing-machines."
<i>Letters Patent sealed.</i></p> <p>1035. WILLIAM HARRIS, of Villa Street, Walworth, in the County of Surrey, for an invention for—"Improvements in treating hides and skins to render them suitable to be made into straps for driving machinery, and to be used for other purposes for which leather is commonly employed."
<i>Letters Patent sealed.</i></p> <p>1036. PERRY GREEN GARDINER, of New York City, State of New York, in the United States of America, for an invention for—"Improvements in the construction of springs."
<i>Letters Patent sealed.</i></p> <p>1037. THOMAS GARNER, of Moorside, Worsley, in the County of Lancaster, Manager, for an invention for—"Improvements in machinery or apparatus for preparing and spinning cotton, wool, flax, silk and other fibrous materials."
<i>Letters Patent sealed.</i></p> <p>1038. ROBERT GRAY, of the firm of Robert Gray and Company, Crinoline Steel Manufacturers, of Sheffield, in the County of York, for an invention for—"Improvements in the mode of hardening and tempering crinoline flattened wire or sheet steel."—<i>A communication to him from abroad by Mr. Edwin Goodwin, of Brooklyn, New York.</i>
<i>Letters Patent sealed.</i></p> <p>1039. SAMUEL FOX, of Stockbridge Works, Deepcar, near Sheffield, in the County of York, for an invention for—"Improvements in hardening and tempering steel."
<i>Letters Patent sealed.</i></p> <p>1040. EDWARD STRANGMAN, of Waterford, Ireland, for an invention for—"An improved method of and apparatus for intercepting and carrying off the sewage of large towns and preventing the defilement of rivers thereby."
<i>Provisional protection only.</i></p> <p>1041. JOHN STEWART TEMPLETON, of Glasgow, in the County of Lanark, North Britain, Manufacturer, for an invention for—"Improvements in looms for weaving pile fabrics such as 'fur-warp' or 'Improved patent Axminster' carpeting; and in weaving the same."
<i>Letters Patent sealed.</i></p> <p>1042. HESKETH HUGHES, of Homerton, in the County of Middlesex, Engineer, and CHARLES GREY HILL, of the Town and County of Nottingham, Lace Manufacturer, for an invention for—"Improvements in the manufacture of rollers for printing, embossing and otherwise producing designs, patterns, figures and shapes."
<i>Provisional protection only.</i></p> <p>1043. THOMAS MOORE, of N^o. 33, Regent Circus, Piccadilly, in the County of Middlesex, for an invention for—"Improvements in windlasses worked by capstans, also in the means of stopping or checking the chains in connection therewith."
<i>Provisional protection only.</i></p> <p>1044. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improved apparatus for regulating the water level in steam-boilers."—<i>A communication to him from abroad by George Washington Rains, of Newbury, Orange County, in the State of New York, and United States of America.</i>
<i>Provisional protection only.</i></p> <p>1045. SILAS COVELL SALISBURY, of Essex Street, Strand, in the City of Westminster, Gentleman, and JAMES STARLEY, of Lewisham, in the County of Kent, Mechanic, for an invention for—"An improved combination sewing-machine."
<i>Letters Patent sealed.</i></p> |
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LUNN. HILEY. LISLE. 26th April 1861.	1046. JOHN LUNN, and GEORGE HILEY, of Huddersfield, in the County of York, Cloth Finishers, and JOHN LISLE, of the same place, Mechanic, for an invention for—"Improvements in means or apparatus for stretching fabrics during the processes of finishing fabrics." <i>Provisional protection only.</i>
HILL. 26th April 1861.	1047. CHARLES JOHN HILL, of Coventry, in the County of Warwick, Watch Manufacturer, for an invention for—"Improvements in the dials of watches and clocks." <i>Letters Patent sealed.</i>
COLE. 26th April 1861.	1048. RICHARD JOHN COLE, of N° 11, Pembridge Gardens, Bayswater, in the County of Middlesex, Esquire, for an invention for—"Improvements in ornamenting the backs of brushes." <i>Letters Patent sealed.</i>
NEWBY. 26th April 1861.	1049. EDWARD NEWBY, of 35, Camomile Street, Bishopsgate Street Within, in the City of London, for an invention for—"An improved connecting link." <i>Provisional protection only.</i>
BROWN. 26th April 1861.	1050. JOHN HARCOURT BROWN, of Romsey, in the County of Hants, for an invention for—"Improvements in apparatus for lubricating the barrels of fire-arms and ordnance." <i>Letters Patent sealed.</i>
WARLICH. 26th April 1861.	1051. FERDINAND CHARLES WARLICH, of 14, London Street, Fenchurch Street, in the City of London, for an invention for—"Improvements in preparing coal used in the manufacture of artificial fuel." <i>Letters patent sealed.</i>
COWAN. 26th April 1861.	1052. WILLIAM COWAN, of Edinburgh, in the County of Mid-Lothian, Gas Meter Manufacturer, for an invention for—"Improvements in gas meters." <i>Provisional protection only.</i>
STRANGMAN. 26th April 1861.	1053. EDWARD STRANGMAN, of Waterford, Ireland, for an invention for—"An improved system of building or construction applicable to architectural and other similar purposes." <i>Provisional protection only.</i>
GRIFFITH. 26th April 1861.	1054. WILLIAM GRIFFITH, of Upper Sydenham, in the County of Kent, Builder, for an invention for—"Improvements in hooped petticoats or crinolines." <i>Provisional protection only.</i>
MARSHALL. 26th April 1861.	1055. JOHN MARSHALL, of Liverpool Road, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in preventing the fracture of metals from crystallization." <i>Letters Patent sealed.</i>
DELLAGANA. 26th April 1861.	1056. JAMES DELLAGANA, of Shoe Lane, in the County of Middlesex, Stereotype Founder, for an invention for—"Improvements in apparatus for embossing and taking casts or matrices for stereotype and other purposes." <i>Letters Patent sealed.</i>
JOYNSON. 26th April 1861.	1057. EDMUND HAMBOROUGH JOYNSON, of St Mary's Cray, in the County of Kent, Paper Maker, for an invention for—"Improvements in machinery for the manufacture of paper." <i>Letters Patent sealed.</i>
WATKINS. 26th April 1861.	1058. JOHN WATKINS, of Birmingham, in the County of Warwick, Engineer, for an invention for—"Improvements in carriage axles and axle boxes." <i>Letters Patent sealed.</i>
SALISBURY. STARLEY. 26th April 1861.	1059. SILAS COVELL SALISBURY, of Essex Street, Strand, in the City of Westminster, Gentleman, and JAMES STARLEY, of Lewisham, in the County of Kent, Mechanic, for an invention for—"Improvements in sewing-machinery." <i>Letters Patent sealed.</i>
POOLE. MILWARD. 27th April 1861.	1060. JOHN POOLE, of 42, Bridge Street, Blackfriars, City of London, and WILLIAM MILWARD, of Camberwell, County of Surrey, Engineers, for an invention for—"Improvements in the construction of hoops or tyres for wheels to be used on railways and tramways." <i>Letters Patent sealed.</i>
FOSTER. BRAMLEY. KNUTTON. 27th April 1861.	1061. JOHN FOSTER, of Radford, in the County of Nottingham, Lace Manufacturer, EDWARD HERBERT BRAMLEY, and EDWIN KNUTTON, both of the Town and County of the Town of Nottingham, Lace Designers and Draughtsmen, for an invention for—"Improvements in the manufacture of twist lace and in machinery employed therein." <i>Letters Patent sealed.</i>
MORGAN. DAHLKE. 27th April 1861.	1062. THOMAS VAUGHAN MORGAN, of Battersea, in the County of Surrey, Manufacturer, and JULIUS GUSTAV DAHLKE, also of Battersea, Chemist, for an invention for—"Certain improved filtering agents one of which is applicable in the manufacture of crucibles." <i>Provisional protection only.</i>

FARRAR.
FARRAR.
27th April 1861.

MILLER.
27th April 1861.

RAY.
27th April 1861.

PARSONS.
27th April 1861.

STORY.
EDWARDS.
27th April 1861.

WEDLAKE.
27th April 1861.

BESSEMER.
27th April 1861.

NEWTON.
27th April 1861.

MASH.
29th April 1861.

THONIER.
29th April 1861.

DESPLAS.
29th April 1861.

DIXON.
29th April 1861.

JOHNSON.
29th April 1861.

NEWTON.
29th April 1861.

LABAT.
30th April 1861.

HULME.
30th April 1861.

MEYER.
30th April 1861.

1063. JABEZ BUNTING FARRAR, and JOSHUA FARRAR, of Halifax, in the County of York, Machine Makers, for an invention for—"Improvements in machinery or apparatus for spinning wool, cotton, silk or other fibrous substances." *Provisional protection only.*

1064. THOMAS WILLIAM MILLER, of Her Majesty's Dockyard, Portsmouth, for an invention for—"Improvements in steam-engines and apparatus connected therewith." *Letters Patent sealed.*

1065. GEORGE G. RAY, of Boston, in the State of Massachusetts, of the United States of America, for an invention for—"An improved pen holder." *Letters Patent sealed.*

1066. WILLIAM HENRY PARSONS, of Butler's Buildings, Cambridge Heath Road, in the County of Middlesex, for an invention for—"Improvements in machinery for making nuts, bolts and rivets." *Letters Patent sealed.*

1067. GEORGE MARVIN STORY, of N° 2, Coleman-street, in the City of London, and GEORGE WILLIAM EDWARDS, of N° 37, Mintern-street, Hoxton, in the County of Middlesex, for an invention for—"Improvements in billiard tables." *Letters Patent sealed.*

1068. HENRY THOMAS WEDLAKE, of 327, Euston Road, and 58, Warren Street, Tottenham Court Road, for an invention for—"Improvements in harmoniums." *Provisional protection only.*

1069. HENRY BESSEMER, of Queen Street Place, New Cannon Street, in the City of London, for an invention for—"Improvements in projectiles and ordnance." *Letters Patent sealed.*

1070. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"An improvement in gas burners."—*A communication to him from abroad by William Benjamin, of the City of New York, United States of America.* *Provisional protection only.*

1071. JAMES MASH, of Manchester, in the County of Lancaster, Engineer, for an invention for—"Improvements in steam-engines." *Letters Patent sealed.*

1072. FRANCOIS ANTOINE THONIER, of the Town of Bourbon, l'Archambault, in the Department of the Allier, in the Empire of France, Householder, for an invention for—"Improvements in reaping-machines." *Provisional protection only.*

1073. JEAN BAPTISTE HUBERT DESPLAS, of Harfleur, in the Department of the Seine-inférieure, in the Empire of France, for an invention for—"A so called hypocaustaphile or elastic apparatus whereby the legs of running horses are protected from accidents." *Provisional protection only.*

1074. HENRY DIXON, of N° 8, Park End, Sydenham, in the County of Kent, a Captain in Her Majesty's Indian Army, for an invention for—"Improvements in photography." *Provisional protection only.*

1075. WILLIAM JOHNSON, of Little Malvern, in the County of Worcester, for an invention for—"Improvements in saddle-trees." *Letters Patent sealed.*

1076. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in desiccating and torrefying farinaceous and other substances."—*A communication to him from abroad by Francis Huckins, of Roxbury, in the County of Norfolk, and State of Massachusetts, United States of America.* *Letters Patent sealed.*

1077. HENRI JEAN THÉOPHILE LABAT, of Bordeaux, in the Empire of France, Engineer, and of 29, Boulevard St. Martin, Paris, for an invention for—"An improved apparatus for hauling ashore ships and vessels of all sizes and description." *Letters Patent sealed.*

1078. GEORGE HULME, of Rochdale, in the County of Lancaster, Machinist, for an invention for—"An improvement or improvements in the process of carding wool, cotton, silk or other fibrous materials, and in machinery or apparatus applicable for that purpose." *Letters Patent sealed.*

1079. JACQUES MEYER, of Berlin, in the Kingdom of Prussia, at present residing in the City of Manchester, Manufacturer, for an invention for—"Certain new chemical combinations, and for the application thereof to fixing aniline and pigment colours in printing and dyeing, to tanning, waterproofing, and other industrial purposes."—*A communication to him from abroad by Doctor Francis Leopold Sonnenschein, of Berlin, aforesaid.* *Letters Patent sealed.*

KENDAL. ROGERS. 1st May 1861.	1080. THOMAS ALFRED KENDAL, of No. 103, Cowley Street, Saint George's in the East, in the County of Middlesex, and MARTIN DADD ROGERS, of No. 2, Bow Lane Cottages, Saint Leonard's Road, Bromley, in the County of Middlesex, for an invention for—"An improved chain cable controller for ships' windlasses to prevent riding of cable in paying out and heaving in of same."— <i>Letters Patent sealed.</i>
HORN. 1st May 1861.	1081. WILLIAM HORN, of No. 3, Butlers Terrace, Ossory Road, Old Kent Road, in the County of Surrey, for an invention for—"Improvements in steam and water tight joints for fixing tubes in plates such as are used for surface condensers, distillers, refrigerators, vessels for heating feed water, or tubular boilers."— <i>A communication to him from abroad by Horatio Allen, residing at New York, America.</i> <i>Letters Patent sealed.</i>
HOLLIS. 1st May 1861.	1082. ISAAC HOLLIS, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"An improvement or improvements in the manufacture of the guards and trigger plates of rifles and other small arms."— <i>Letters Patent sealed.</i>
SICKELS. 1st May 1861.	1083. JOHN SICKELS, Merchant, of 67, Gracechurch Street, London, England, for an invention for—"Improvements in sewing-machines."— <i>A communication to him from W. Cleveland Hicks, residing at Boston, United States of America.</i> <i>Letters Patent sealed.</i>
LAING. SWINDELLS. 1st May 1861.	1084. ROBERT LAING, of Ince, near Wigan, in the County of Lancaster, Manufacturing Chemist, and ISRAEL SWINDELLS, of Wigan, in the same County, Consulting Chemist, for an invention for—"Improvements in the treatment of certain ores containing metals and in obtaining products therefrom."— <i>Letters Patent sealed.</i>
BRAMWELL. OWEN. 1st May 1861.	1085. FREDERICK JOSEPH BRAMWELL, of 35A, Great George Street, Westminster, and WILLIAM OWEN, of Phoenix Iron Works, Rotherham, for an invention for—"Improvements in the manufacture of rails, bars, plates, cylinders, vessels, axletrees, cranks, wheel tyres and other articles of wrought iron or steel, and also in the machinery used in such manufactures."— <i>Letters Patent sealed.</i>
HOLMES. 1st May 1861.	1086. ARTHUR EAST HOLMES, of Derby, Carriage Builder, for an invention for—"Improvements in landaus, sociables and other like headed carriages."— <i>Provisional protection only.</i>
ROUSSIN. 1st May 1861.	1087. FRANÇOIS ZACHARIE ROUSSIN, of 29, Boulevard St. Martin, Paris, France, Professor of Chemistry, for an invention for—"Coloring matters derived from naphthylamina, binitronapthalina and trinitronapthalina, and application of such coloring matters to the dyeing and printing of fabrics."— <i>Provisional protection only.</i>
BROWNING. 1st May 1861.	1088. WILLIAM BROWNING, of St. John Street, West Smithfield, in the County of Middlesex, Oil Merchant, for an invention for—"A new method and apparatus for ascertaining the distance of distant objects."— <i>Provisional protection only.</i>
HOOMAN. MALISZEWSKI. 1st May 1861.	1089. THOMAS HOOMAN, of No. 490, New Oxford Street, in the County of Middlesex, Glass Letter Manufacturer, and JOHN MALISZEWSKI, of the same place, Photographic Artist, for an invention for—"Improvements in photographic printing upon the interior of any glass or other transparent vessel."— <i>Letters Patent sealed.</i>
LÜDEKE. 1st May 1861.	1090. JOHANN ERNST FRIEDRICH LÜDEKE, of Marke, in the Kingdom of Hannover, for an invention for—"Improvements in motive-power engines."— <i>Provisional protection only.</i>
McNEILE. 1st May 1861.	1091. ALEXANDER McNEILE, of Liverpool, in the County of Lancaster, Iron and Steel Manufacturer, for an invention for—"Improvements in the construction of targets."— <i>Letters Patent sealed.</i>
PATTISON. 1st May 1861.	1092. ROBERT THOMSON PATTISON, residing at Daldorch House, in the County of Ayr, for an invention for—"Improvement in the means and method of fixing colors in connection with the printing and dyeing of woven fabrics and yarns."— <i>Provisional protection only.</i>
WALTON. 1st May 1861.	1093. WILLIAM WALTON, of Ivy Cottage, Old Charlton, in the County of Kent, Government Builders' Agent, for an invention for—"A new manufacture of overlapping wall facing."— <i>Letters Patent sealed.</i>
WILSON. 2nd May 1861.	1094. JOHN CHARLES WILSON, Manager for G. Buchanan & Co., Engineers, 25, Bucklersbury, Civil and Mechanical Engineer, for an invention for—"Improvements in the break or stopping gear of centrifugal machines."— <i>Provisional protection only.</i>

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| <p>WILSON.
2nd May 1861.</p> <p>SCHOLES.
2nd May 1861.</p> <p>HOYLE.
2nd May 1861.</p> <p>WINKLER.
2nd May 1861.</p> <p>DE BASSANO.
BRUDENN.
2nd May 1861.</p> <p>JORDAN.
2nd May 1861.</p> <p>CLARK.
2nd May 1861.</p> <p>GLATARD.
2nd May 1861.</p> <p>BROOMAN.
2nd May 1861.</p> <p>DAVIES.
2nd May 1861.</p> <p>BROWN.
2nd May 1861.</p> <p>WRIGHT.
2nd May 1861.</p> <p>CLISSOLD.
2nd May 1861.</p> <p>MEAD
2nd May 1861.</p> <p>MENNONS.
3rd May 1861.</p> | <p>1095. JOHN CHARLES WILSON, Manager for G. Buchanan & Co., Engineers, 25, Bucklersbury, London, Civil and Mechanical Engineer, for an invention for—"Improvements in machinery or apparatus for the manufacture of sugar."
<i>Provisional protection only.</i></p> <p>1096. WILLIAM SCHOLES, of High Town, near Leeds, in the County of York, Card Maker, for an invention for—"Improvements in carding-engines for carding wool, cotton, silk or other fibrous substances."
<i>Letters Patent sealed.</i></p> <p>1097. WILLIAM HOYLE, of Greenhill Terrace, Greenhill, Oldham, in the County of Lancaster, Machinist, for an invention for—"Certain improvements in machinery for preparing, spinning and doubling cotton and other fibrous substances."
<i>Letters Patent sealed.</i></p> <p>1098. MICHAEL WINKLER, of No. 583, Gumpendorf, Vienna, in the Empire of Austria, for an invention for—"Certain improvements in locks and other fastenings."
<i>Letters Patent sealed.</i></p> <p>1099. EUGÈNE DE BASSANO, Gentleman, and ADOLPHE BRUDENN, Civil Engineer, residing in Brussels, in the Kingdom of Belgium, for an invention for—"Improvements in the manufacture of stearine."
<i>Letters Patent sealed; no specification filed.</i></p> <p>1100. LEWIS JACOB JORDAN, of Bedford Square, in the County of Middlesex, Gentleman, for an invention—"An aphrodision phosphorised nervine tonic."
<i>Provisional protection NOT granted.</i></p> <p>1101. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in the imitation of gold and silver embroidery."—<i>A communication to him from abroad by Jean Joseph Germain Marius Arthaud, of Paris, in the Empire of France, Banker.</i>
<i>Letters Patent sealed.</i></p> <p>1102. LAURENT GLATARD, of Roanne, Département de la Loire, France, Merchant, for an invention for—"Improved means or apparatus for releasing horses from vehicles and for locking the wheels thereof in prevention of accident."
<i>Letters Patent sealed.</i></p> <p>1103. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in solar time-keepers or chronometers."—<i>A communication to him from abroad by Paul Fléchet, of Paris, France.</i>
<i>Letters Patent sealed.</i></p> <p>1104. GEORGE DAVIES, of No. 1, Serle Street, Lincoln's Inn, in the County of Middlesex, and No. 28, St. Enoch Square, in the City of Glasgow, Civil Engineer and Patent Agent, for an invention for—"Improvements in gas burners."—<i>A communication to him from abroad by Hubert Bosch, of Maastricht, Netherlands.</i>
<i>Provisional protection only.</i></p> <p>1105. JOSEPH GEORGE BROWN, of Croxton, in the County of Leicester, Miller, for an invention for—"Improvements in obtaining motive-power."
<i>Provisional protection only.</i></p> <p>1106. PETER WRIGHT, of Dudley, in the County of Worcester, Manufacturer, for an invention for—"Improvements in the manufacture of wheels and in apparatus or machinery to be employed therein."
<i>Letters Patent sealed.</i></p> <p>1107. WILLIAM CLISSOLD, of Dudbridge, in the County of Gloucester, Engineer, for an invention for—"An improved construction of driving belt."
<i>Letters Patent sealed.</i></p> <p>1108. GEORGE MEAD, of Bethnal Green Road, in the County of Middlesex, Tin plate worker and Japanner, for an invention for—"An improved portable canteen adapted for use in the army and for volunteers, tourists and others."
<i>Letters Patent sealed.</i></p> <p>1109. MARC ANTOINE FRANÇOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"The manufacture of paper and cardboard from a fibrous vegetable matter not hitherto used for that purpose."—<i>A communication from Mr. Edmond Nuewens, a person resident at Montreuil-sous-Bois (France).</i>
<i>Letters Patent sealed.</i></p> |
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RHIND. 3rd May 1861.	1110. ALEXANDER FORBES RHIND, of Norfolk Place, Lower Road, Islington, in the County of Middlesex, Draper, for an invention for—"Improvements in the fastenings of brooches, pins and other articles of jewellery, which fastenings are also applicable to other articles." <i>Provisional protection only.</i>
BRADSHAW. 3rd May 1861.	1111. THOMAS BRADSHAW, of Salford, in the County of Lancaster, Millwright, for an invention for—"Certain improvements in machinery or apparatus for doubling yarn or thread." <i>Letters Patent sealed.</i>
HAYES. 3rd May 1861.	1112. GEORGE HAYES, of Elton, in the County of Huntingdon, Millwright, for an invention for—"Improved apparatus for applying motive-power." <i>Letters Patent sealed.</i>
ROWLAND. 3rd May 1861.	1113. OWEN ROWLAND, of Wellington road, Kentish Town, Electrician, for an invention for—"Improvements in electric telegraphs." <i>Provisional protection only.</i>
GODEFROY. 3rd May 1861.	1114. PETER AUGUSTIN GODEFROY, of 3, King's Mead Cottages, New North Road, Islington, in the County of Middlesex, Operative Chemist, for an invention for—"An improvement in the manufacture of gutta-percha." <i>Provisional protection only.</i>
MANNING. 3rd May 1861.	1115. JAMES ALEXANDER MANNING, of the Inner Temple, London, Esquire, for an invention for—"A mode or method of collecting ammonia from the waste gases arising from the combustion of coal." <i>Letters Patent sealed.</i>
WIGHT. 3rd May 1861.	1116. ALEXANDER WIGHT, of Friday Street, Cheapside, in the City of London, Manufacturer, for an invention for—"Improvements in the manufacture of trimmings."— <i>A communication to him from abroad by James Wilcox, of New York, in the United States of America, and Hector Tyndale, of Philadelphia, in the said States.</i> <i>Provisional protection only.</i>
NEWTON. 3rd May 1861.	1117. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in the treatment of copper ores."— <i>A communication to him from abroad by Joseph Marie Puistienne, of Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
HUMPHRYS. 3rd May 1861.	1118. EDWARD HUMPHRYS, of Deptford, in the County of Kent, Engineer, for an invention for—"Improvements in machinery for steam vessels." <i>Provisional protection only.</i>
JOHNSON. 4th May 1861.	1119. JOSEPH JOHNSON, of N ^o . 61, Leader Street, Chelsea, in the County of Middlesex, for an invention for—"Improved show or window boards or tablets to be used for advertizing and other purposes." <i>Letters Patent sealed.</i>
ADDY. 4th May 1861.	1120. WILLIAM ADDY, of Pigot Street, in the City of Manchester, Mechanic, for an invention for—"Improvements in machinery for washing fabrics and for churning." <i>Letters Patent sealed.</i>
RYDILL. 4th May 1861.	1121. GEORGE RYDILL, of Dewsbury, in the County of York, for an invention for—"A smoke consumer and condensor suitable for factories, railway engines, steam ships, furnaces, brick kilns, cinder ovens, bakehouses and other purposes." <i>Provisional protection only.</i>
REYNOLDS, TAYLOR. 4th May 1861.	1122. GEORGE WAIDE REYNOLDS, of Birmingham, in the County of Warwick, Manufacturer, and SAMUEL GRIGG TAYLOR, of Oldbury, in the County of Worcester, Machinist, for an invention for—"A new or improved hand drill for drilling wood, metal and other materials."— <i>A communication to them from abroad by William Kimberley, of New York, in the United States of America.</i> — <i>Provisional protection only.</i>
ROWAN. 4th May 1861.	1123. WILLIAM ROWAN, of the firm of John Rowan and Sons, of Belfast, in the County of Antrim, Engineers, for an invention for—"Improvements in machinery for scutching flax and other fibrous substances, applicable also for reducing flax, hemp and other fibrous materials into tow." <i>Letters Patent sealed.</i>
BROOMAN. 4th May 1861.	1124. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improved thread for weaving and other uses."— <i>A communication to him from abroad by Charles Lewandoski, of Paris, France.</i> <i>Provisional protection only.</i>
HOMERSHAM. 4th May 1861.	1125. WILLIAM COLLETT HOMERSHAM, of Adelphi Terrace, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in engines and implements for ploughing and cultivating land, parts of which improvements are also applicable to other purposes." <i>Letters Patent sealed.</i>

- PALMER.**
4th May 1861. 1126. WILLIAM PALMER, of No. 3, Evelyn Place, Brighton, in the County of Sussex, Engineer, for an invention for—"Improvements in apparatus for facilitating the imbibing of liquids."
Provisional protection only.
- BAAB.**
THOMAS.
4th May 1861. 1127. JOHN MARTIN BAAB, and FRIEDERICH OTTO THOMAS, both of Gerrard Street, Soho, in the County of Middlesex, for an invention for—"Improvements in apparatus for perforating paper, parchment and other substances."
Provisional protection only.
- SMITH.**
4th May 1861. 1128. EDWARD PEASE SMITH, of Weymouth, in the County of Dorset, Engineer, for an invention for—"Improvements in the construction of radial traversing carriages."
Letters Patent sealed.
- WILSON.**
TIJOU.
4th May 1861. 1129. EDWARD BROWN WILSON, of Great Ryder Street, Saint James', in the City of Westminster, and WILLIAM TIJOU, of Newland Street, Eaton Square, in the County of Middlesex, Mechanical Engineer, for an invention for—"Improvements in the manufacture of railway wheels, tires and other annular cylindrical and hollow articles from cast steel or malleable cast iron, and in the machinery or apparatus employed therein."
Provisional protection only.
- BIRKS.**
BIRKS.
BIRKS.
4th May 1861. 1130. WILLIAM BIRKS, the Elder, of the Town of Nottingham, Machinist, WILLIAM BIRKS, the younger, of the same place, Machinist, and John BIRKS, of the same place, Designer, for an invention for—"Improvements in the manufacture of lace or net and in the machinery employed therein."
Letters Patent sealed.
- VIGNON.**
6th May 1861. 1131. JOSEPH VICTOR VIGNON, of Brussels, in the Kingdom of Belgium, at present residing at No. 34, Dean Street, Soho Square, in the County of Middlesex, Gentleman, for an invention for—"A mode of preparing or making enamel applicable to various purposes."
Provisional protection only.
- AGER.**
6th May 1861. 1132. GEORGE AGER, of Aylsham, in the County of Norfolk, L.L.D., for an invention for—"Improvements in means or apparatus for breaking or opening land."
Letters Patent sealed.
- TIFFANY.**
6th May 1861. 1133. JOSEPH CAPRON TIFFANY, of the City of New York, in the State of New York, one of the United States of America, for an invention for—"A mode of promoting a more perfect combustion of fuel in furnaces and the manner of effecting the same."
Provisional protection only.
- BLACKBURN.**
KNOWLES.
6th May 1861. 1134. THOMAS BLACKBURN, and MARK KNOWLES, of Blackburn, in the County of Lancaster, Machinists, for an invention for—"Improvements in machinery or apparatus for warping cotton, worsted and other similar materials, and in expanding combs used in connection therewith, and also in springs used in the manufacture of the said combs, which springs are applicable to other purposes."
Letters Patent sealed.
- HUGHES.**
6th May 1861. 1135. EDWARD THOMAS HUGHES, of the firm of Hughes and Son, Patent Agents, 123, Chancery Lane, London, for an invention for—"Improvements in the manufacture of artificial flowers and similar articles."—*A communication to him from abroad by Edward Delcambre, of Paris, in the Empire of France.* *Provisional protection only.*
- PARAIRE.**
6th May 1861. 1136. EDWARD LOUIS PARAIRE, Architect and Surveyor, of 52, Rathbone Place, London, in the County of Middlesex, for an invention for—"Improvements in apparatus for propelling carriages on common roads."
Provisional protection only.
- ABBOTT.**
6th May 1861. 1137. WILLIAM ABBOTT, of Richmond, in the County of Surrey, Professor of Music, for an invention for—"Improvements in the construction of cages for singing and other birds or animals."
Provisional protection only.
- JOHNSON.**
6th May 1861. 1138. WILLIAM JOHNSON, of Little Malvern, in the County of Worcester, for an invention for—"Improvements in railway carriages and locomotive engines."
Letters Patent sealed.
- JOHNSON.**
6th May 1861. 1139. WILLIAM JOHNSON, of Little Malvern, in the County of Worcester, for an invention for—"Improvements in apparatus for churning and kneading."
Letters Patent sealed.
- ELLIS.**
6th May 1861. 1140. GEORGE HENRY ELLIS, of New Malton, in the County of York, Ironmonger, for an invention for—"Improvements in apparatus for cleaning boots and shoes, which are also applicable for cleaning knives, forks, plate and other articles."
Provisional protection only.

- BROOMAN.
6th May 1861. 1141. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"The manufacture of threads, cords, fabrics, felt and pulp from the hop plant."—*A communication to him from abroad by Barthelemy Picard, of Nancy, France.*
Provisional protection only.
- DREW.
6th May 1861. 1142. JOHN DREW, of Hatton Garden, in the County of Middlesex, Builder, for an invention for—"Improved apparatuses to be employed for supporting structures while inserting girders therein."
Letters Patent sealed.
- COLES.
JAGUES.
FANSHAWE.
GALPIN.
6th May 1861. 1143. GEORGES COLES, of Gresham Street West, in the City of London, Manufacturer, and JAMES ARCHIBALD JAGUES, Chemist, JOHN AMERICUS FANSHAWE, Engineer, and THOMAS GALPIN, Manufacturer, all of Tottenham, in the County of Middlesex, for an invention for—"Improvements in ventilating various articles of wearing-apparel."
Letters Patent sealed.
- NEWTON.
6th May 1861. 1144. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"An improved lubricating compound."—*A communication to him from abroad by John Blake M'Munn, of Port Jervis, Orange County, State of New York, United States of America.*
Letters Patent sealed.
- BURCH.
6th May 1861. 1145. JOSEPH BURCH, of Crag Hall, near Macclesfield, in the County of Chester, Engineer, for an invention for—"Improvements in the construction of steam and other boilers and apparatus connected therewith."
Letters Patent sealed.
- STEVENS.
7th May 1861. 1146. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in gutta-percha and india-rubber toys."—*A communication to him from abroad by Henry Galante, of 42, rue Laffitte, Paris, in the Empire of France.*
Letters Patent sealed.
- HIRSCH.
7th May 1861. 1147. HERMANN HIRSCH, of Berlin, in the Kingdom of Prussia, and of Bridge Road, Lambeth, in the County of Surrey, Civil Engineer, for an invention for—"Improvements in obtaining and applying electricity for telegraphic and other purposes."
Provisional protection NOT granted.
- BEERS.
7th May 1861. 1148. SIDNEY ALEXANDER BEERS, of the City of Brooklyn, in the State of New York, United States of America, Civil Engineer, for an invention for—"Improvements in rails for street railroads."
Letters Patent sealed.
- JARLOT.
7th May 1861. 1149. JEAN BAPTISTE JARLOT, of Port Mulon, in the Empire of France, and of 4, South Street, Finsbury, London, Mechanician, for an invention for—"Certain improvements in machinery for the manufacture of artificial fuel."
Letters Patent sealed.
- NEWTON.
7th May 1861. 1150. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improved apparatus for boiling substances and generating steam."—*A communication to him from abroad by Daniel Prindle, of East Bethany, Genesee County, in the State of New York, and United States of America.*
Letters Patent sealed.
- DEFAYE.
7th May 1861. 1151. FRANCOIS DEFAYE, of Capian, near Bordeaux, in the Empire of France, Gentleman, for an invention for—"Improved hydraulic apparatus."
Letters Patent sealed.
- GEDGE.
7th May 1861. 1152. WILLIAM EDWARD GEDGE, of the firm of John Gedge and Son, No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"Improved means and apparatus for conducting or forcing the flow of water."—*A communication to him from abroad by Charles Douchain, of Saint Cloud, near Paris, France, Hydraulic Engineer.*
Letters Patent sealed.
- WILLIS.
7th May 1861. 1153. JAMES WILLIS, of Little Britain, in the City of London, Umbrella Furniture Maker, for an invention for—"Improvements in umbrellas and parasols."
Letters Patent sealed.
- JOHNSON.
7th May 1861. 1154. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"An improvement or improvements in buttons for garments or other purposes."—*A communication to him from abroad by George Meacham, of the City of New York, in the United States of America, Merchant.*
Letters Patent sealed.

DAVIES.
7th May 1861.

1155. GEORGE DAVIES, of No. 1, Serle Street, Lincoln's Inn, in the County of Middlesex, and No. 28, St. Enoch Square, in the City of Glasgow, Civil Engineer and Patent Agent, for an invention for—"Improved apparatus for boiling sugar."—*A communication to him from abroad by Hector Lavignac, of Paris, France.*

Provisional protection only.

BIRKS.
BIRKS.
BIRKS.
7th May 1861.

1156. WILLIAM BIRKS, the elder, of the Town of Nottingham, Mechanist, WILLIAM BIRKS, the younger, of the same place, Mechanist, and JOHN BIRKS, of the same place, Designer, for an invention for—"Improvements in the manufacture of bobbin net or lace."

Letters Patent sealed.

PICKETT.
8th May 1861.

1157. JOSEPH PICKETT, of Chiswell Street, Finsbury, in the County of Middlesex, Whip Manufacturer, for an invention for—"Improvements in covering or partially covering the sticks and handles of whips and parasols as also various other articles with flock and producing ornamental effects thereon."

Provisional protection only.

BLACKBURN.
KNOWLES.
8th May 1861.

1158. THOMAS BLACKBURN, and MARK KNOWLES, of Blackburn, in the County of Lancaster, Machinists, for an invention for—"Improvements in looms for weaving."

Letters Patent sealed.

ELCE.
8th May 1861.

1159. THOMAS ELCE, the younger, of the firm of Messieurs John Elce and Company, of the City of Manchester, Machine Makers, for an invention for—"Certain improvements in machinery for combing wool, cotton and other fibres."

Provisional protection only.

NADAL.
8th May 1861.

1160. JEAN NADAL, of 14, Brooke's Market, Brooke Street, Holborn, in the County of Middlesex, Lamp Maker, for an invention for—"Improved candlesticks."

Letters Patent sealed.

MASSIAUX.
8th May 1861.

1161. JEAN THOMAS MASSIAUX, of Nouzon (France), Iron-master, for an invention for—"Improvements in the manufacture of nails and in apparatus used thereby."

Letters Patent sealed.

NICHOLLS.
8th May 1861.

1162. HENRY MARTYN NICHOLLS, Engineer, of 9, Essex Street, Strand, in the County of Middlesex, for an invention for—"An improved instrument for withdrawing corks from bottles when acting as stoppers therein."

Letters Patent sealed.

BERNARD.
8th May 1861.

1163. RAOUL BERNARD, of Bordeaux, in the Empire of France, Gentleman, for an invention for—"Improved means of catching flies."

Provisional protection only.

WYTENBACH.
LUGAND.
8th May 1861.

1164. LOUIS WYTENBACH, and PHILIPPE LUGAND, Mechanical Engineers, of No. 12, Rue Caumartin, in the City of Paris, for an invention for—"Improvements in fire-escapes."

Provisional protection only.

FITTER.
8th May 1861.

1165. JOSEPH FITTER, of Birmingham, in the County of Warwick, Machinist, for an invention for—"A new or improved table expander."

Letters Patent sealed.

HUNT.
8th May 1861.

1166. JOHN ROLFE HUNT, of 3, Chichester Place, Wandsworth Road, in the County of Surrey, for an invention for—"Improvements in the manufacture of gutta-percha and compounds thereof with other matters and substances."

Letters Patent sealed.

HARRISON.
8th May 1861.

1167. WILLIAM WHEATCROFT HARRISON, of Sheffield, in the County of York, Manufacturer, for an invention for—"Improvements in tea and coffee urns, coffee pots and other vessels for similar purposes."

Letters Patent sealed.

HOSKINS.
8th May 1861.

1168. EBENEZER HOSKINS, of the firm of Key Hoskins and Company, of Birmingham, in the County of Warwick, Bedstead Manufacturers, for an invention for—"An improvement in joints for articles in metal."

Letters Patent sealed.

WILLIAMS.
8th May 1861.

1169. PHILIP HENRY WILLIAMS, of Bristol, Manufacturer, for an invention for—"Improvements in the adaptation of plates of iron and other metal in the construction of dwelling-houses, fences, parts of carriages or vehicles, and in other structures or constructions."

Provisional protection only.

SWAN.
8th May 1861.

1170. HENRY SWAN, of Hammersmith, in the County of Middlesex, Manager, for an invention for—"Improvements in lubricating apparatus for lubricating the journals and bearings of shafts and other frictional surfaces of machinery."

Letters Patent sealed.

YEADON. 9th May 1861.	1171. JOHN YEADON, of Lancashire Hill, near Stockport, in the County of Lancaster, Patent Reed Maker, for an invention for—"Improvements in the manufacture of healds." <i>Provisional protection only.</i>
LENNY. 9th May 1861.	1172. CHARLES LENNY, of Croydon, in the County of Surrey, for an invention for—"Improvements in carriages." <i>Letters Patent sealed.</i>
CARTER. 9th May 1861.	1173. GEORGE CARTER, of Blackburn, in the County of Lancaster, Plumber, for an invention for—"An improved thermometrical fire-alarm and extinguisher." <i>Letters Patent sealed.</i>
STEWART. 9th May 1861.	1174. JOHN STEWART, of Glasgow, in the County of Lanark, North Britain, Plumber, for an invention for—"Improvements in the manufacture of cards for jacquard weaving."— <i>A communication to him from abroad by Louis Joseph Fillion, of Grougis, Aisne, France.</i> <i>Provisional protection only.</i>
BURCH. 9th May 1861.	1175. JOSEPH BURCH, of Crag Hall, near Macclesfield, in the County of Chester, Engineer, for an invention for—"Improvements in constructing and in machinery or apparatus for propelling ships and vessels." <i>Letters Patent sealed.</i>
STERN. 9th May 1861.	1176. FERDINAND STERN, of the firm of Neumann and Stern, of 75, Cannon Street West, in the City of London, Merchants and Importers, for an invention for—"Improvements in fastenings for porte monnaies, pocket-books, cigar cases and similar articles."— <i>A communication to him from abroad by Siegmund Rothschild, of Offenbach, in the Grand Duchy of Hesse Darmstadt.</i> <i>Provisional protection only.</i>
JOHNSON. 9th May 1861.	1177. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in the decoloration and disinfection of liquids and in the apparatus to be employed therein, which improvements are also applicable to the manufacture or production of drying oils."— <i>A communication to him from abroad by Louis Bouton, of Paris, in the Empire of France.</i> <i>Provisional protection only.</i>
CATER. 9th May 1861.	1178. HENRY CATER, of the Grove Steam-Boiler Works, in the Borough of Southwark, Steam-Boiler Manufacturer, for an invention for—"Improvements in the construction of steam-boilers." <i>Letters Patent sealed.</i>
SINGER. 9th May 1861.	1179. ISAAC MERRITT SINGER, of New York, in the United States of America, but now of Cornhill, in the City of London, Gentleman, for an invention for—"An improved feed motion for sewing-machines." <i>Letters Patent sealed.</i>
ALLEN. 9th May 1861.	1180. HUBERT ALLEN, of Birmingham, in the County of Warwick, Gentleman, for an invention for—"An improvement or improvements in and applicable to gloves." <i>Provisional protection only.</i>
BROWNING. CROOKES. 9th May 1861.	1181. JOHN BROWNING, of the Minorics, in the City of London, Optician, and WILLIAM CROOKES, of Mornington Road, in the County of Middlesex, Analytical Chemist, for an invention for—"Improvements in spectrum cameras." <i>Provisional protection only.</i>
PATERSON. 9th May 1861.	1182. JOHN PATERSON, of Wood Street, in the City of London, Manufacturer, for an invention for—"An improvement in neck-ties." <i>Provisional protection only.</i>
CURTIS. 10th May 1861.	1183. THOMAS CURTIS, of Livesey, near Blackburn, in the County of Lancaster, Weaver, for an invention for—"Improvements in the manufacture of healds." <i>Provisional protection only.</i>
PARSONS. DOWLING. DOWLING. 10th May 1861.	1184. WILLIAM PARSONS, of 28, Scotland Street, Brighton, JOHN DOWLING, of Gloucester Lane, Brighton, and JOHN DOWLING, the younger, of Gloucester Cottages, Brighton, in the County of Sussex, for an invention for—"Improvements in railway and other passengers' tickets." <i>Provisional protection only.</i>
JACKSON. 10th May 1861.	1185. THOMAS LONG JACKSON, of Mile End, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in furnace bars." <i>Letters Patent sealed.</i>
RODDEWIG. 10th May 1861.	1186. LUDWIG WILLIAM RODDEWIG, of Sheffield, in the County of York, Engineer, for an invention for—"Improvements in steam-boilers."— <i>A communication to him from abroad by Frederick Schmidt, of Hagen, in the Kingdom of Prussia.</i> <i>Letters Patent sealed.</i>

- DUNLOP.
10th May 1861. 1187. ANDREW DUNLOP, of Glasgow, in the County of Lanark, North Britain, Grain Merchant, for an invention for—"Improvements in endless or portable railways for facilitating the traction or draught of vehicles." *Letters Patent sealed.*
- MAULBON.
10th May 1861. 1188. ALEXANDRE LOUIS EDM MAULBON, of No. 15, Passage des Petites Ecuries, in the City of Paris, Merchant, for an invention for—"Improvements in machinery or apparatus for manufacturing tiles."—*A communication from Jacques Félix, a person resident at Beaulieu, near Epinal, in the Empire of France, a Tile Manufacturer.* *Letters Patent sealed.*
- BARRETT.
10th May 1861. 1189. STEPHEN BARRETT, of Clifton Street, in the County of Middlesex, Machinist, for an invention for—"Improvements in projectiles." *Provisional protection only.*
- BADDELEY.
10th May 1861. 1190. JOHN FRASER LODINGTON BADDELEY, Major R.A., Royal Small Arms Factory, Enfield, for an invention for—"Improvements in bands for rifles and other fire arms." *Letters Patent sealed.*
- VALLANCE.
10th May 1861. 1191. PHILIP VALLANCE, of 4, Bolton Road, Abbey Road, St. John's Wood, for an invention for—"Improvements in fire-arms and ordnance." *Provisional protection only.*
- GODEFROY.
10th May 1861. 1192. PETER AUGUSTIN GODEFROY, of 3, King's Mead Cottages, New North Road, Islington, in the County of Middlesex, Operative Chemist, for an invention for—"An improvement in the treatment of india-rubber."—*Provisional protection only.*
- ZENNER.
11th May 1861. 1193. DAVID ZENNER, of the Borough and County of Newcastle-upon-Tyne, Practical Chemist, for an invention for—"Improvements in purifying lead." *Provisional protection only.*
- SILLEM.
11th May 1861. 1194. HERMAN JAMES SILLEM, of the firm of Faucett, Preston & Co., of Liverpool, in the County of Lancaster, Engineers, for an invention for—"An improved explosive shell." *Provisional protection not granted.*
- WAREING.
11th May 1861. 1195. JOHN WAREING, of Salford, in the County of Lancaster, Spindle Forger, for an invention for—"Improvements applicable to Ryder's forging machine, which render it better adapted for forging mule spindles and articles of similar form." *Letters Patent sealed.*
- DAVIES.
11th May 1861. 1196. HENRY JACKSON DAVIES, of Carlisle, in the County of Cumberland, Calico Printer, for an invention for—"Improvements in apparatus or machinery for printing textile fabrics or materials." *Letters Patent sealed.*
- WILSON.
11th May 1861. 1197. WILLIAM WILSON, of Conisbro', in the County of York, Wood Turner, for an invention for—"Improvements in the manufacture of wooden keys & treenails for railways & shipping, and in machinery employed therein."—*Letters Patent sealed.*
- LANCASTER.
11th May 1861. 1198. CHARLES WILLIAM LANCASTER, of New Bond Street, in the County of Middlesex, Gun Maker, for an invention for—"Improvements in armour plates or bars for protecting ships and other structures, and in fixing the same." *Letters Patent sealed.*
- BROOMAN.
11th May 1861. 1199. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improved method of treating wood."—*A communication to him from abroad by Edmond Armand Louis D'Argy, of Paris, France.* *Provisional protection only.*
- DÉ MELCY.
11th May 1861. 1200. AUGUSTE CÉSAR ACHILLE GÉRARD DE MELCY, of Paris, in the French Empire, Gentleman, for an invention for—"An improved treatment of natural phosphate of lime for several purposes." *Provisional protection only.*
- JONES.
JONES.
11th May 1861. 1201. GEORGE FOWLER JONES, Architect, York, and JAMES JONES, Architectural Carver, York, for an invention for—"An improved method of propelling and steering steam vessels, and for a casing about the apparatus constituting therewith a steam condenser." *Provisional protection only.*
- JONES.
JONES.
11th May 1861. 1202. GEORGE FOWLER JONES, Architect, York, and JAMES JONES, Architectural Carver, York, for an invention for—"Improvements in the form and construction of ships or vessels and of arched ribs for roofs, domes and bridges." *Letters Patent sealed.*
- SWINDELLS.
11th May 1861. 1203. HUMPHREY SWINDELLS, of Handforth, in the County of Chester, Sadler, for an invention for—"Improvements in collars for horses." *Provisional protection only.*

TOOTH. 11th May 1861.	1204. WILLIAM HENRY TOOTH, of Rhodeswell Road, in the County of Middlesex, Engineer, for an invention for—"Improvements in machinery or apparatus for reducing vegetable substances to a finely divided state, part of which improvements may also be employed for sifting or separating the fine from the coarse particles of other substances." <i>Letters Patent sealed.</i>
CLARK. 11th May 1861.	1205. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in the construction, ventilation and propulsion of life-boats."— <i>A communication to him from abroad by John Theodore Scholl, of Port Washington, Ozaukee County, State of Wisconsin, United States of America, Doctor of Medicine.</i> <i>Letters Patent sealed.</i>
CLARK. 11th May 1861.	1206. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Certain improvements in machinery for planing lumber."— <i>A communication to him from abroad by Mr. Henry Daves Stover, of New York, United States of America.</i> <i>Provisional protection only.</i>
PULS. 13th May 1861.	1207. FRANCIS PULS, of No. 25, Francis Terrace, Hackney Wick, in the County of Middlesex, Chemist, for an invention for—"A mode of preparing an oxidizing agent." <i>Letters Patent sealed.</i>
HEATON. STOCKS. 13th May 1861.	1208. ROBERT HEATON, Worsted Spinner and Manufacturer, and JAMES STOCKS, Overlooker, of Silsden, near Leeds, in the County of York, for an invention for—"Improvements in looms for weaving." <i>Provisional protection only.</i>
BERMINGHAM. 13th May 1861.	1209. JOHN BERMINGHAM, of Cork, in the County of Cork, Ireland, for an invention for—"Improvements in machinery or apparatus for breaking stones and other hard materials." <i>Provisional protection only.</i>
CHARDEMITE. 13th May 1861.	1210. PIERRE CHARDEMITE, of St. Georges-de-Didonne, France, and of 4, South Street, Finsbury, London, Gentleman, for an invention for—"An improved wind motive-power engine." <i>Provisional protection only.</i>
CLARK. 13th May 1861.	1211. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in corking or stoppering bottles."— <i>A communication to him from abroad by Messrs Edmond Armand Louis D'Argy, Manufacturer, and Joseph Jean Pierre Leonce de Chalret du Rieu, both of Paris, in the Empire of France.</i> <i>Provisional protection only.</i>
BETJEMANN. BETJEMANN. BETJEMANN. 13th May 1861.	1212. GEORGE BETJEMANN, GEORGE WILLIAM BETJEMANN, and JOHN BETJEMANN, of Pentonville, in the County of Middlesex, Desk and Dressing Case Manufacturers, for an invention for—"An improvement in inkstands or ink holders." <i>Provisional protection only.</i>
DEAKIN. 13th May 1861.	1213. JAMES DEAKIN, of Harborne, in the County of Stafford, Architect, for an invention for—"Improvements in and applicable to the manufacture of slabs, panels and other forms or articles in paper or paper pulp." <i>Provisional protection only.</i>
BELL. 13th May 1861.	1214. THOMAS BELL, of Usworth House, Gateshead, in the County of Durham, Iron Master, for an invention for—"Improvements in the decomposition of the compounds of aluminium and in coating metals with aluminium or its alloys."— <i>A communication to him from abroad by Louis de Chatelier, of Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
POLLARD. 13th May 1861.	1215. CHARLES FREDERICK POLLARD, of 26, Brompton Crescent, in the County of Middlesex, Member of the Royal College of Surgeons of England, for an invention for—"A sandal slipper particularly adapted for use in turkish and other baths." <i>Provisional protection only.</i>
VAUTIER. 13th May 1861.	1216. ANTOINE CONSTANT VAUTIER, of Charenton le Pont (Seine), near Paris, Gentleman, and at Mr. Uzielli and Co., 9, Mincing Lane, City, London, for an invention for—"Improvements in obtaining fibrous materials and paper pulp from various trees, shrubs and plants." <i>Letters Patent sealed.</i>
CLARK. 13th May 1861.	1217. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"The treatment of ammoniacal waters resulting from putrified urines and from products extracted by the distillation of coal."— <i>A communication to him from abroad by Messrs Louis Joseph Frédéric Margueritte, Chemist, and Alfred Lalouët de Sourdeval, both of Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>

- JOHNSON.
13th May 1861. 1218. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of No. 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"An improved magic lantern and of views to be used therewith."—*A communication to him from abroad by Henri Alexandre Lefevre, of Paris, in the Empire of France.* *Provisional protection only.*
- SMITH.
13th May 1861. 1219. WILLIAM SMITH, of Little Woolston, in the County of Buckingham, for an invention for—"Improvements in cultivators, ploughs and apparatus used therewith when cultivating and tilling land." *Letters Patent sealed.*
- OLIVER.
13th May 1861. 1220. CHARLES OLIVER, of Old Boswell Court, in the County of Middlesex, for an invention for—"Improvements in apparatus for sounding bells on lighthouses, floating lights, buoys and like floating bodies." *Letters Patent sealed.*
- HORNSBY.
13th May 1861. 1221. RICHARD HORNSBY, junior, of Spittlegate, Grantham, in the County of Lincoln, for an invention for—"Improvements in ploughs and other agricultural implements." *Letters Patent sealed.*
- HILDEBRAND.
14th May 1861. 1222. AUGUST FRIEDRICH HILDEBRAND, of Köpnick Strasse, No. 101, Berlin, in the Kingdom of Prussia, for an invention for—"Improvements in apparatus for propelling and steering carriages, which apparatus is also applicable for giving motion to machinery generally." *Letters Patent sealed; no specification filed.*
- CLARK.
14th May 1861. 1223. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in the manufacture of steel."—*A communication to him from abroad by Messrs Louis Joseph Frédéric Margueritte, & Alfred Lalouët de Sourdeval, both of 29, Boulevard St. Martin, Paris, in the Empire of France.* *Letters Patent sealed.*
- BOUTET.
14th May 1861. 1224. THOMAS CHARLES BOUTET, Civil Engineer, No. 1, John's Place, Brunswick Road, Camberwell, London, for an invention for—"Improvements in obtaining and applying motive-power by aëro-hydraulic means." *Provisional protection only.*
- BULLOUGH.
BULLOUGH.
14th May 1861. 1225. JAMES BULLOUGH, Manufacturer, and JOHN BULLOUGH, Machinist, both of Baxenden, near Accrington, in the County of Lancaster, for an invention for—"Improvements in looms for weaving and in apparatus connected therewith." *Letters Patent sealed.*
- GOODALL.
14th May 1861. 1226. GEORGE SAVILE GOODALL, of Brighouse, in the County of York, Card Maker, for an invention for—"Improvements in wire card covering for carding tow, flax or other fibrous substances." *Letters Patent sealed.*
- BULL.
14th May 1861. 1227. FREDERICK BULL, of No. 138, London Wall, in the City of London, for an invention for—"Improvements in show cases and boxes used in counting-houses and by shopkeepers for containing different kinds of wares and papers or samples." *Provisional protection only.*
- BROOMAN.
14th May 1861. 1228. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in working sugar refineries and in sugar moulds and apparatus for trimming the loaves therein."—*A communication to him from abroad by Jean Baptiste Joseph Quéruel, of Neuilly, France.* *Letters Patent sealed.*
- WOOLLCOMBE.
14th May 1861. 1229. ROBERT WILLIAM WOOLLCOMBE, of Stoke, in the County of Devon, Surgeon to the Devon Artillery Militia, for an invention for—"Improvements in projectiles and in fire-arms for discharging the same." *Letters Patent sealed.*
- CHAZAREN.
14th May 1861. 1230. JEAN JULES LÉON CHAZAREN, of Paris, in the French Empire, Brewer, for an invention for—"Improvements in apparatuses for containing and drawing off beer and other malt liquor, and in drawing malt liquor from casks." *Provisional protection only.*
- JOHNSON.
14th May 1861. 1231. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in apparatus for the manufacture of aerated waters and in vessels or receptacles for containing the same."—*A communication to him from abroad by Jean Louis André, and Philippe Ferdinand Guillot, both of Paris, in the Empire of France.* *Letters Patent sealed.*
- HOWARD.
BOUSFIELD.
14th May 1861. 1232. JAMES HOWARD, Agricultural Engineer, and EDWARD TENNEY BOUSFIELD, Engineer, both of Bedford, for an invention for—"Improvements in apparatus to be employed in steam cultivation." *Letters Patent sealed; no specification filed.*

CHEDGEY. 14th May 1861.	1233. JOHN CHEDGEY, of the Grove, Great Guildford Street, in the Borough of Southwark, Engineer, for an invention for—"Improvements in the manufacture of glass rollers, plungers and pipes applicable to pumps and other uses." <i>Letters Patent sealed.</i>
WHYTE. MACDONALD. 15th May 1861.	1234. ALEXANDER WHYTE, and MALCOLM MACDONALD, of Glasgow, in the County of Lanark, North Britain, Manufacturers, for an invention for—"Improvements in the manufacture of frills, ruffles or frilled trimmings."— <i>Letters Patent sealed.</i>
WOOLLER. 15th May 1861.	1235. JOSEPH WOOLLER, of Bradford, in the County of York, Dyer, for an invention for—"Improvements in machinery or apparatus for drying textile fabrics and materials, which improvements are also applicable in scouring or dyeing of the said materials." <i>Letters Patent sealed.</i>
CLARK. 15th May 1861.	1236. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in gas regulators."— <i>A communication to him from abroad by Emil Fleischhauer, of Eisenach (Grossherzogthum Sachsen Weimar-Eisenach), Germany.</i> <i>Provisional protection only.</i>
KEMP. HALL. 15th May 1861.	1237. EDWARD CURTIS KEMP, of Avon Place, Pershore Road, Birmingham, in the County of Warwick, Agent, and THOMAS HALL, of Basinghall Street, Leeds, in the County of York, Gas Engineer, for an invention for—"Improvements in gas and other lamps." <i>Letters Patent sealed.</i>
RILEY. 15th May 1861.	1238. JOHN RILEY, of Hapton, near Accrington, in the County of Lancaster, Manufacturing Chemist, for an invention for—"Improvements in certain materials to be used in the process of dyeing and printing." <i>Provisional protection only.</i>
MITCHELL. 15th May 1861.	1239. WILLIAM MITCHELL, of the City of Manchester, in the County of Lancaster, Paper Hanging Manufacturer, for an invention for—"Improvements in machinery or apparatus for printing paper hangings." <i>Letters Patent sealed.</i>
DOULTON. 15th May 1861.	1240. HENRY DOULTON, of High-street, Lambeth, for an invention for—"Improvements in the construction of vats and similar vessels for containing liquids." <i>Letters Patent sealed.</i>
LISTER. WARBURTON. 15th May 1861.	1241. SAMUEL CUNLIFFE LISTER, and JAMES WARBURTON, Manufacturers, Manningham, n' Bradford, for an invention for—"Improvements in spinning & treating yarns." <i>Provisional protection only.</i>
NEWTON. 15th May 1861.	1242. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improved machinery for cutting chaff."— <i>A communication to him from abroad by Johann Carl Rohrbeck, Chief Engineer of the Royal Railway at Bromberg, in the Kingdom of Prussia.</i> <i>Provisional protection only.</i>
JACKSON. 15th May 1861.	1243. WILLIAM JACKSON, of Leeds, in the County of York, Machine Maker, for an invention for—"Improvements in mortising machines." <i>Letters Patent sealed.</i>
HICKS. 15th May 1861.	1244. JAMES HICKS, of Hatton Garden, in the City of London, Meteorological Instrument Maker, for an invention for—"An improved construction of self registering thermometer." <i>Provisional protection only.</i>
WATSON. 16th May 1861.	1245. ALEXANDER T. WATSON, of the Town of Middleton, in the County of Richmond, and State of New York, United States of America, for an invention for—"Springs for rail road cars and for carriages, and for many other purposes for which springs are used or required." <i>Complete specification; Letters Patent sealed.</i>
GISBORNE. 16th May 1861.	1246. FREDERIC NEWTON GISBORNE, of No. 3, Adelaide Place, London Bridge, in the City of London, Engineer and Electrician, for an invention for—"Improvements in the construction of electric targets for rifle and gun practice." <i>Letters Patent sealed.</i>
STEVENS. 16th May 1861.	1247. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in mills."— <i>A communication to him from abroad by Jean Ellie, of 42, rue Laffitte, Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
BOWDITCH. 16th May 1861.	1248. WILLIAM RENWICK BOWDITCH, Clerk, of Saint Andrew's, Wakefield, in the County of York, for an invention for—"Improvements in safety & other lamps." <i>Letters Patent sealed.</i>

- GILBEE.
16th May 1861. 1249. HENRY GILBEE, of 4, South St, Finsbury, in the County of Middlesex, for an invention for—"An improved reaping-machine to be called "comb beater."—*A communication to him from abroad by Napoleon Goret, of Bourges, France.*
Letters Patent sealed.
- NEWTON.
16th May 1861. 1250. ALFRED VINCENT NEWTON, of the Office for Patents 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improvements in knitting-machinery."—*A communication to him from abroad by James Green Wilson, of the City of New York, in the United States of America.*
Letters Patent sealed.
- KNIGHT.
16th May 1861. 1251. GEORGE KNIGHT, of the Town and County of the Town of Nottingham, Box Manufacturer, for an invention for—"Improvements in holders and cases for holding bonnet fronts, rouches, frills and other fancy articles."
Provisional protection only.
- CLAY.
16th May 1861. 1252. CHARLES CLAY, of Walton, near Wakefield, in the County of York, for an invention for—"Improvements in implements for cultivating land, suitable to be worked by steam or other power."
Letters Patent sealed.
- CLARK.
16th May 1861. 1253. DANIEL KINNEAR CLARK, of No. 11, Adam Street, Aclphi, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in furnaces."
Letters Patent sealed.
- BOWHAY.
16th May 1861. 1254. JOHN LEAKEY BOWHAY, of Modbury, in the County of Devon, Agricultural Implement Manufacturer, for an invention for—"Improvements in reaping and mowing machines."
Provisional protection only.
- HUDSON.
16th May 1861. 1255. BERNARD HUDSON, Gentleman, residing at No. 25, Gloucester Crescent, Regent's Park, London, County of Middlesex, for an invention for—"Improvements in the construction of power looms."—*A communication to him from abroad by Mr. François Loret Vermeersch, of Brussels, Belgium.*
Letters Patent sealed.
- HUDSON.
16th May 1861. 1256. BERNARD HUDSON, Gentleman, residing at No. 25, Gloucester Crescent, Regent's Park, London, County of Middlesex, for an invention for—"An improved machine for applying steam in a manner to cause direct rotation."—*A communication to him from abroad by Messrs Antonio Grande, Giovanni Battista Olivieri, and Lorenzo Mongiardino, of Turin, Italy.*
Complete specification; Letters Patent sealed.
- DUNN.
17th May 1861. 1257. THOMAS DUNN, of Pendleton, near the City of Manchester, Engineer, for an invention for—"Improvements in watches and pocket time-keepers."
Letters Patent sealed.
- DUNN.
17th May 1861. 1258. THOMAS DUNN, of Pendleton, near the City of Manchester, Engineer, for an invention for—"Improvements in machinery and apparatus for altering the position of locomotive engines, carriages and goods, and preventing injury and accidents on railways."
Letters Patent sealed.
- TEARNE.
17th May 1861. 1259. SAMUEL TEARNE, of Birmingham, in the County of Warwick, Japanner, for an invention for—"An improvement or improvements in producing designs in enamel on articles of brass and the alloy called German silver."—*Letters Patent sealed.*
- PITTS.
17th May 1861. 1260. SAMUEL PITTS, of the firm of Messieurs Thurston and Company, of No. 14, Catherine Street, Strand, in the County of Middlesex, Billiard Table Manufacturers, for an invention for—"Improvements in billiard and bagatelle tables."
Letters Patent sealed.
- ALLAN.
17th May 1861. 1261. ALEXANDER ALLAN, of Perth, in the County of Perth, for an invention for—"Improvements in locomotive steam-engines and in buffer and draw springs for the same and for other railway rolling stock."
Letters Patent sealed.
- BÉZIAT.
17th May 1861. 1262. JEAN CIRILLE MARIUS BÉZIAT, of No. 114, Rue Mouffetard, Paris, in the Empire of France, for an invention for—"Improved apparatus for raising or tilting casks and other vessels or articles requiring to be tilted."
Letters Patent sealed.
- DAVIES.
17th May 1861. 1263. GEORGE DAVIES, of No. 1, Serle Street, Lincoln's Inn, in the County of Middlesex, and No. 28, Saint Enoch Square, in the City of Glasgow, Civil Engineer and Patent Agent, for an invention for—"A peculiar mode of arranging advertisements so as to secure a more general and constant publication."—*A communication to him from abroad by François Charles Gaillard, of Paris.—Provisional protection only.*

TURNER. 17th May 1861.	1264. ARCHIBALD TURNER, of Leicester, Elastic Web Manufacturer, for an invention for—"Improvements in the manufacture of elastic fabrics." <i>Letters Patent sealed.</i>
PATEY. RICHARDSON. 17th May 1861.	1265. WILLIAM PATEY, Junior, of Lombard Street, in the City of London, Perfumer, and JAMES RICHARDSON, of Brewer Street, Clerkenwell, in the County of Middlesex, Brush Maker, for an invention for—"Improvements in the manufacture of brushes." <i>Provisional protection only.</i>
CLARK. 17th May 1861.	1266. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in the preparation or manufacture of artificial alizarine."— <i>A communication to him from abroad by Mr. François Zacharie Roussin, of 29, Boulevard St. Martin, Paris, in the Empire of France, Professor of Chemistry.</i> <i>Provisional protection only.</i>
ASHCROFT. 17th May 1861.	1267. PETER ASHCROFT, of the South Eastern Railway, London Bridge Station, Engineer, for an invention for—"Improvements in railway chairs and fastenings." <i>Letters Patent sealed.</i>
BENNETT. 18th May 1861.	1268. WILLIAM HENRY BENNETT, of 42, Parliament Street, Westminster, for an invention for—"Improvements in apparatus for regulating the supply of gas."— <i>A communication to him from abroad by Edouard Servier, of Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
PONTON. 18th May 1861.	1269. ARCHIBALD CAMPBELL PONTON, residing at No. 9, Arlington Villas, Clifton, near Bristol, for an invention for—"Combining together siliceous powder into solid masses of any form by means of sulphur, and which combination he calls siliceous stone ware." <i>Provisional protection only.</i>
NEVILL. 18th May 1861.	1270. GEORGE NEVILL, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"Improvements in the construction of the sacking of bedsteads and couches and other like articles." <i>Letters Patent sealed.</i>
SOTHEY. 18th May 1861.	1271. SAMUEL LEIGH SOTHEY, of Buckfast Leigh Abbey, in the County of Devon, and of 13, Wellington Street, Strand, in the County of Middlesex, Gentleman, for an invention for—"Improvements in the bindings or coverings of books and portfolios, which improvements may be applied to dispatch boxes, ladies' work-boxes, office boxes and such like articles." <i>Letters Patent sealed.</i>
GREAVES. 18th May 1861.	1272. JOHN WHITEHEAD GREAVES, of Port Madoc, in the County of Carnarvon, Esquire, for an invention for—"Improvements in machinery or apparatus for dressing slates." <i>Letters Patent sealed.</i>
FITZGERALD. 18th May 1861.	1273. DESMOND GERALD FITZGERALD, of Cambridge Street, in the County of Middlesex, Gentleman, for an invention for—"Improvements in obtaining electric currents for telegraphing purposes." <i>Provisional protection only.</i>
FITZGERALD. 18th May 1861.	1274. DESMOND GERALD FITZGERALD, of Cambridge Street, in the County of Middlesex, Gentleman, for an invention for—"Improvements in batteries for producing voltaic electricity together with certain metallic products." <i>Provisional protection only.</i>
HUGHES. 18th May 1861.	1275. JOHN HUGHES, of Newport, in the County of Monmouth, Engineer, for an invention for—"Improvements in plates to be used in ships and other structures for receiving armour plates or bars, and in the means of fixing such armour plates." <i>Letters Patent sealed.</i>
WARD. 18th May 1861.	1276. FREDERICK OLDFIELD WARD, of Hertford Street, May Fair, in the County of Middlesex, for an invention for—"Improvements in manufacturing manure and in obtaining accessory products." <i>Letters Patent sealed.</i>
KING. ROBSON. 18th May 1861.	1277. ROBERT KING, of Granville Street, Sheffield, in the County of York, Printer, and KENNETH ROBSON, of Granville Street, Sheffield, aforesaid, Printer, for an invention for—"Consuming and destroying smoke as emitted from engine or other chimnies and from all other flues from which smoke is emitted." <i>Letters Patent sealed; specification filed by order.</i>
CLARK. 18th May 1861.	1278. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in electric telegraph apparatus."— <i>A communication to him from abroad by M. Ludovic Guyot d'Arincourt, of 29, Boulevard St. Martin, Paris, in the Empire of France, Proprietor.</i> <i>Letters Patent sealed.</i>

- STEVENS.
18th May 1861. 1279. BENJAMIN FRANKLIN STEVENS, of Trafalgar Square, Gentleman, for an invention for—"Improvements in tractomotives or engines for running upon earth or on common roads."—*A communication to him from abroad by Mr. Simon Stevens, of the City and County of Lancaster, Pennsylvania, U.S.*
Complete specification; Letters Patent sealed.
- FORSTER.
20th May 1861. 1280. WILLIAM CHARLTON FORSTER, of No. 37, Gibson Street, Lambeth, in the County of Surrey, Gentleman, for an invention for—"An improved method of manufacturing bricks and slabs impervious to damp, for preventing moisture rising in pavements and the walls in houses and other buildings." *Letters Patent sealed.*
- BUCKLEY.
20th May 1861. 1281. GEORGE BUCKLEY, of Salford, in the County of Lancaster, Commercial Traveller, for an invention for—"Improvements in the construction of rollers for doubling frames and other machines." *Provisional protection only.*
- SIDEBOTTOM.
20th May 1861. 1282. JOHN SIDEBOTTOM, of Harewood, near Mottram, in the County of Chester, Cotton Spinner and Manufacturer, for an invention for—"Improvements in cop tubes and partial tubes, and in apparatus for holding them on to the spindles of mules for spinning and doubling, also improvements in the construction of the skewers for shuttles and winding-machines." *Letters Patent sealed.*
- JOBIN.
WEBER.
20th May 1861. 1283. JOSEPH JOBIN, of No. 2, South Island Place, Clapham Road, Surrey, and JAMES WEBER, of St. Martins-le-Grand, in the City of London, for an invention for—"Improvements in the manufacture of cigars and cigarettes and in the apparatus employed in such manufacture." *Letters Patent sealed.*
- PARKINSON.
20th May 1861. 1284. WILLIAM PARKINSON, of Ripon, in the County of York, Assistant Ironmonger, for an invention for—"Improvements in washing, wringing and mangling machines." *Provisional protection only.*
- SCOTT.
20th May 1861. 1285. MICHAEL SCOTT, of Parliament Street, Westminster, for an invention for—"Improvements in ordnance." *Provisional protection only.*
- DONISTHORPE.
20th May 1861. 1286. GEORGE EDMOND DONISTHORPE, of Leeds, for an invention for—"Improvements in sizing, drying and warping yarns for weaving."—*Letters Patent sealed.*
- ROBERTSON.
20th May 1861. 1287. ANDREW JOHN ROBERTSON, of 26, Parliament Street, Westminster, for an invention for—"Improvements in the construction of ships and vessels." *Letters Patent sealed.*
- PAPENGOUTH.
LEHMANN.
20th May 1861. 1288. OSWALD PAPENGOUTH, & LAURENZ IGNATZ LEHMANN, both of Blackfriars Road, in the County of Surrey, for an invention for—"Improvements in propelling vessels and in apparatus for the same." *Letters Patent sealed.*
- HUMPHRYS.
20th May 1861. 1289. EDWARD HUMPHRYS, of Deptford, in the County of Kent, Engineer, for an invention for—"Improvements in the construction of iron ships, batteries and forts." *Letters Patent sealed.*
- BARLOW.
21st May 1861. 1290. HENRY BERNOULLI BARLOW, of the City of Manchester, Patent Agent, for an invention for—"Certain improvements in looms for weaving."—*A communication to him from abroad by Hyppolite Victor Hermite, of Paris, in the Empire of France.* *Letters Patent sealed.*
- MENNONS.
21st May 1861. 1291. MARC ANTOINE FRANÇOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"Improvements in the coupling or connecting joints of pipes for the conveyance of liquid, fluid or solid bodies."—*A communication from Mr. J. B. Lavril, a person resident at Paris.* *Letters Patent sealed.*
- GRIFFIN.
21st May 1861. 1292. GEORGE FEATHERSTONE GRIFFIN, of New Adelphi Chambers, Adelphi, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in the manufacture or construction of railway chairs and their fastenings, the latter being applicable to other purposes." *Provisional protection only.*
- DREAPER.
21st May 1861. 1293. WILLIAM PORTER DREAPER, of 56, Bold Street, Liverpool, for an invention for—"Improvements in piano-fortes." *Letters Patent sealed.*
- PARFREY.
21st May 1861. 1294. YOUNGS PARFREY, of the Pimlico Wheel Works, in the County of Middlesex, for an invention for—"Improvements in the construction of carriage wheels." *Letters Patent sealed.*
- AVELING.
RAWLINSON.
21st May 1861. 1295. THOMAS AVELING, of Rochester, in the County of Kent, Engineer, and HENRY RAWLINSON, of the same place, Engineer, for an invention for—"Improvements in the construction of locomotive engines." *Letters Patent sealed.*

TASKER. 21st May 1861.	1296. WILLIAM TASKER, the Younger, of the firm of William Tasker and Sons, of Waterloo Iron Works, near Andover, in the County of Hants, Engineer and Agricultural Implement Manufacturer, for an invention for—"Improvements in machinery or apparatus for tilling or cultivating land." <i>Letters Patent sealed.</i>
SYKES. SYKES. CROSSLEY. 21st May 1861.	1297. THOMAS SYKES, Manufacturing Chemist and Oil Merchant, and BENJAMIN CLIFFORD SYKES, M.D., both of Cleckheaton, in the County of York, and JAMES WILLIAM CROSSLEY, Dyer and Finisher, in the said County, for an invention for—"Improvements in boilers and furnaces." <i>Letters Patent sealed.</i>
BLEASDALE. 22nd May 1861.	1298. JOSEPH BLEASDALE, of Accrington, in the County of Lancaster, Roller Maker, for an invention for—"Improvements in the manufacture of fluted rollers for preparing and spinning fibrous materials, and in machinery for the purpose." <i>Letters Patent sealed.</i>
MATTHEWS. 22nd May 1861.	1299. SAMUEL PARKES MATTHEWS, of Monmore Green, Wolverhampton, in the County of Stafford, for an invention for—"Improvements in door locks, lock spindles and knobs." <i>Provisional protection not granted.</i>
CHESNEAU. 22nd May 1861.	1300. JULES RENÉ CHESNEAU, of 39, Rue de l'Echiquier, Paris, in the Empire of France, Gentleman, for an invention for—"Improvements in pen and pencil holders." <i>Complete specification: Letters Patent sealed.</i>
DE BEAUMONT. 22nd May 1861.	1301. HENRY BOUTHILLIER DE BEAUMONT, of Geneva, Gentleman, for an invention for—"Improvements in ploughs." <i>Letters Patent sealed.</i>
DONISTHORPE. 22nd May 1861.	1302. GEORGE EDMOND DONISTHORPE, of Leeds, for an invention for—"Improvements in apparatus used in getting coal." <i>Letters Patent sealed.</i>
NAGLOST. 22nd May 1861.	1303. GIOVANNI BATTISTA NAGLOST, of Vienna, in the Empire of Austria, for an invention for—"Improvements in cannon and projectiles to be used therewith."— <i>Partly his invention and partly communicated to him from abroad by Joseph Zöchling, resident at Vienna, aforesaid.</i> <i>Letters Patent sealed.</i>
NEWTON. 22nd May 1861.	1304. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in printing-machinery."— <i>A communication to him from abroad by Stephen Davis Tucker, of New York, in the United States of America.</i> <i>Letters Patent sealed.</i>
LUMB. BUTTERWORTH. 23rd May 1861.	1305. LEVI LUMB, of Brotherhood Mills, near Rochdale, in the County of Lancaster, Cotton Spinner, and WILLIAM HEAP BUTTERWORTH, of Reed Hill, Rochdale, in the County of Lancaster, Tin plate worker, for an invention for—"Improvements in undercovers of carding-engines." <i>Letters Patent sealed.</i>
NUTTALL. 23rd May 1861.	1306. CHARLES NUTTALL, of No. 34, South Lane, Rochdale, in the County of Lancaster, Machinist, for an invention for—"Improvements in machinery for grinding the cards of carding-engines and in machinery for making the same." <i>Letters Patent sealed.</i>
HYNAM. 23rd May 1861.	1307. JOHN HYNAM, of Wilson Street, in the County of Middlesex, Chemical Light Manufacturer, for an invention for—"Improvements in apparatuses for arranging splints for matches and for placing them in the frames ready for 'dipping.'" <i>Letters Patent sealed.</i>
TEBBUTT. 23rd May 1861.	1308. WILLIAM TEBBUTT, of Loughborough, in the County of Leicester, Plumber and Glazier and Gas Fitter, for an invention for—"Improvements in apparatus for ventilating dwelling rooms and other places and for removing foul or noxious air therefrom." <i>Letters Patent sealed.</i>
DART. 23rd May 1861.	1309. JOSEPH HENRY DART, of 5, Church Court, Clement's Lane, in the City of London, for an invention for—"Improvements in the manufacture of paper." <i>Provisional protection only.</i>
MUSHET. 23rd May 1861.	1310. ROBERT MUSHET, of Coleford, in the County of Gloucester, Metallurgist, for an invention for—"An improvement or improvements in casting ingots of steel." <i>Letters Patent sealed.</i>
BROOMAN. 23rd May 1861.	1311. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in portable cooking apparatuses."— <i>A communication to him from abroad by Noel Etienne Aimé Paret, of Paris, France.</i> <i>Letters Patent sealed.</i>

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| <p>PARTRIDGE.
23rd May 1861.</p> <p>DE LA TOUR-DU-BREUIL.
DE LA TOUR-DU-BREUIL.
23rd May 1861.</p> <p>BATTY.
24th May 1861.</p> <p>COLLINGHAM.
MASON.
24th May 1861.</p> <p>DANCHELL.
24th May 1861.</p> <p>JOSLIN.
24th May 1861.</p> <p>HERBERT.
24th May 1861.</p> <p>PATERSON.
24th May 1861.</p> <p>PREECE.
24th May 1861.</p> <p>WALLER.
25th May 1861.</p> <p>MONCKTON.
25th May 1861.</p> <p>ROBERTS.
25th May 1861.</p> <p>KAY.
KAY.
27th May 1861.</p> <p>GREEN.
CADBURY.
27th May 1861.</p> <p>SMITH.
LORD.
BARLOW.
27th May 1861.</p> <p>MOORE.
27th May 1861.</p> <p>DE ALBYTRE.
27th May 1861.</p> | <p>1312. EBENEZER PARTRIDGE, of Smethwick, in the County of Stafford, Manufacturer of Patent Axles, for an invention for—"An improved method of lubricating carriage axles."
<i>Letters Patent sealed.</i></p> <p>1313. HENRY MARIE FERDINAND JULES VICOMTE DE LA TOUR-DU-BREUIL, and ALEXANDRE MARIE AUGUSTE DE LA TOUR-DU-BREUIL, Civil Engineer, both of 29, Boulevard St. Martin, Paris, for an invention for—"A copying press so called 'Telegraph press.'"
<i>Letters Patent sealed.</i></p> <p>1314. CHARLES BATTY, of 196, Marylebone Road, County of Middlesex, Atmospheric Engineer, for an invention for—"Improvements in the mode of and apparatus for warming and ventilating rooms and buildings."
<i>Letters Patent sealed.</i></p> <p>1315. BARNARD COLLINGHAM, of Keighley, in the County of York, Worsted Spinner, and MARK MASON, of Manchester, Engineer and Machinist, for an invention for—"Improvements in flyers employed in machinery for preparing and spinning fibrous substances."
<i>Letters Patent sealed.</i></p> <p>1316. FREDERICK HAHN DANCHELL, of Red Lion Square, in the County of Middlesex, for an invention for—"Certain improved methods of and apparatus for ascertaining and removing impurities contained in water."
<i>Provisional protection only.</i></p> <p>1317. ROBERT JOSLIN, of N^o. 36, King William Street, in the City of London, for an invention for—"Improvements in gentlemen's scarfs."
<i>Provisional protection only.</i></p> <p>1318. GEORGE HERBERT, of Summer Hill, Dartford, in the County of Kent, for an invention for—"Improvements in apparatus for striking bells."
<i>Letters Patent sealed.</i></p> <p>1319. JOHN PATERSON, of Wood Street, in the City of London, Manufacturer, for an invention for—"An improvement in clasps or buckles."
<i>Letters Patent sealed.</i></p> <p>1320. RICHARD PREECE, of Clapham Road, in the County of Surrey, Licensed Victualler, for an invention for—"An improvement in floors."
<i>Letters Patent sealed.</i></p> <p>1321. HENRY WALLER, of Lickhill, near Calne, in the County of Wilts, for an invention for—"An improved horse rake."
<i>Provisional protection only.</i></p> <p>1322. EDWARD HENRY CRADOCK MONCKTON, of the Parthenon Club, Regent Street, in the County of Middlesex, for an invention for—"Improvements in obtaining and applying magnetic motive-power, which invention is also applicable to other useful purposes."
<i>Letters Patent sealed.</i></p> <p>1323. WILLIAM ROBERTS, of Millwall, Poplar, Engineer, for an invention for—"Improvements in vices and screw benches."
<i>Letters Patent sealed.</i></p> <p>1324. WILLIAM KAY, of Bolton-le-Moors, in the County of Lancaster, Cashier, and ISAAC KAY, of Lever Bridge, near Bolton-le-Moors, aforesaid, Doubler, for an invention for—"Improvements in machines for spinning and doubling."
<i>Letters Patent sealed.</i></p> <p>1325. EDWIN GREEN, and JOEL CADBURY, Button Manufacturers, of Birmingham, in the County of Warwick, for an invention for—"Certain improvements in buttons for general use."
<i>Letters Patent sealed.</i></p> <p>1326. WILLIAM SMITH, of Green's Nook Mill, in the County of Lancaster, Manufacturer, and JAMES LORD, of the same place, Overlooker, and HENRY BARLOW, of the same place, Mechanic, for an invention for—"Improvements in looms for weaving."
<i>Letters Patent sealed.</i></p> <p>1327. THOMAS MOORE, Engineer, of 99, Southwark Bridge Road, in the County of Surrey, for an invention for—"Improvements in apparatus for raising water and other fluids, which same apparatus may also be employed as a prime mover."
<i>Provisional protection only.</i></p> <p>1328. MATHIEU DE ALBYTRE, of Bordeaux (rue Laporte, No. 14), département of the Gironde, in the Empire of France, Gentleman, for an invention for—"Improvements in tallow candles."
<i>Letters Patent sealed.</i></p> |
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DUNCAN. 27th May 1861.	1329. CHARLES STEWART DUNCAN, of Kildare Terrace, Bayswater, in the County of Middlesex, for an invention for—"Improvements in the construction of electric telegraph cables or ropes." <i>Letters Patent sealed.</i>
CHURCHILL. SCHENLEY. 27th May 1861.	1330. LORD ALFRED SPENCER CHURCHILL, of 16, Rutland Gate, and EDWARD WYNDHAM HARRINGTON SCHENLEY, Esquire, of 14, Princes Gate, both in the County of Middlesex, for an invention for—"Improvements in buffing and coupling apparatus for railway carriages."— <i>A communication to them from abroad by Archibald Hamilton Rowand, of Allegheny, State of Pennsylvania, in the United States of America.</i> <i>Letters Patent sealed.</i>
LEE. TAPLIN. 27th May 1861.	1331. JOSEPH LEE, and BENJAMIN DUTTON TAPLIN, of the Patent Crank Works, Lincoln, for an invention for—"Improvements in the manufacture of portable or traction steam-engines and in apparatus for cutting joints, heads of connecting rods and other articles." <i>Letters Patent sealed.</i>
HOLBECH. 27th May 1861.	1332. WILLIAM BOSWORTH HOLBECH, of Thurlaston Lodge, Leicestershire, for an invention for—"Improvements in apparatus for sowing seed." <i>Letters Patent sealed.</i>
NICHOLSON. 27th May 1861.	1333. WILLIAM NEWZAM NICHOLSON, of Newark-on-Trent, Agricultural Implement Maker, for an invention for—"Improvements in machines for making and collecting hay and for collecting similar substances, parts of which improvements are applicable to cutting thistles and other weeds." <i>Letters Patent sealed.</i>
BIRKBECK. 27th May 1861.	1334. GEORGE HENRY BIRKBECK, of the firm of Tongue & Birkbeck, of 34, Southampton Buildings, Chancery Lane, in the County of Middlesex, Patent Agents and Engineers, for an invention for—"Improvements in apparatus for converting circular or rotary motion into alternate rectilinear motion."— <i>A communication to him from abroad by Mr. Francois Normand, Engineer, of Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
BURNHAM. 28th May 1861.	1335. EGBERT REUBEN BURNHAM, of Liverpool, in the County of Lancaster, India-Rubber Manufacturer, for an invention for—"Improvements in the manufacture of boots, shoes and other coverings for the feet, made of india-rubber, gutta-percha and like substances." <i>Provisional protection only.</i>
MILLWARD. 28th May 1861.	1336. PHILIP ANTHONY MILLWARD, of Wednesbury, in the County of Stafford, Engineer, for an invention for—"Improvements in the manufacture of coke." <i>Provisional protection only.</i>
RENDEL. 29th May 1861.	1337. GEORGE WIGHTWICK RENDEL, of the Elswick Ordnance Works, in the County of Northumberland, Civil Engineer, for an invention for—"Improvements in the manufacture of wrought iron cylinders for the construction of ordnance." <i>Letters Patent sealed.</i>
LETCHFORD. 29th May 1861.	1338. ROBERT MICHAEL LETCHFORD, of Old Montague Street, in the County of Middlesex, Match Manufacturer, for an invention for—"An improvement in the manufacture of matches." <i>Letters Patent sealed.</i>
ASHER. 29th May 1861.	1339. GEORGE ASHER, of Birmingham, in the County of Warwick, Modeller and Chaser, for an invention for—"An improvement or improvements in the manufacture of metallic fenders." <i>Letters Patent sealed.</i>
CRICHLEY. 29th May 1861.	1340. HENRY CRICHLEY, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"Improvements in the manufacture and ornamentation of metallic chimney-pieces or mantel-pieces and in the ornamentation of metallic stoves and fire-places." <i>Letters Patent sealed.</i>
MONCKTON. 29th May 1861.	1341. EDWARD HENRY CRADOCK MONCKTON, of the Parthenon Club, Regent Street, in the County of Middlesex, for an invention for—"Obtaining and applying magnetic motive-power." <i>Provisional protection only.</i>
HALLIWELL. 29th May 1861.	1342. JOHN HALLIWELL, of Baslow, Derbyshire, for an invention for—"Improvements in churns." <i>Letters Patent sealed.</i>
CHING. 29th May 1861.	1343. COMYN CHING, of Castle Street, Long Acre, in the County of Middlesex, Gas Engineer, for an invention for—"Improvements in gas chandeliers." <i>Provisional protection only.</i>

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| <p>HALE.
WALL.
29th May 1861.</p> <p>NEWTON.
29th May 1861.</p> <p>ROOFF.
30th May 1861.</p> <p>SAVAGE.
30th May 1861.</p> <p>WHITEHEAD.
30th May 1861.</p> <p>GARROOD.
30th May 1861.</p> <p>JOHNSON.
30th May 1861.</p> <p>HALL.
STOCKLEY.
30th May 1861.</p> <p>RONALD.
30th May 1861.</p> <p>BLAKE.
30th May 1861.</p> <p>ODRY.
30th May 1861.</p> <p>HEINEMANN.
30th May 1861.</p> <p>BYWATER.
31st May 1861.</p> <p>HENRY.
31st May 1861.</p> | <p>1344. THOMAS HALE, of No. 21, Barnsbury Row, Park Road, Islington, in the County of Middlesex, Gentleman, and ARTHUR WALL, of No. 12, Canton Street, East India Road, in the same County, Gentleman, for an invention for—"Improvements in the construction and internal arrangement of furnaces and in the preparation, manufacture and treatment of clays and of articles, surfaces, structures and erections subject to the action of fire or atmospheric influence."
<i>Provisional protection only.</i></p> <p>1345. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in refining and purifying iron and converting the same into steel."—<i>A communication to him from abroad by Ebenezer Green Pomeroy, of the City of New York, in the United States of America.</i>
<i>Provisional protection only.</i></p> <p>1346. WILLIAM BROWN ROOFF, of 7, Willow Walk, Kentish Town, in the County of Middlesex, for an invention for—"Improvements in window seats for the prevention of accidents."
<i>Provisional protection only.</i></p> <p>1347. WILLIAM PEACOCK SAVAGE, of Roxham, Downham, in the County of Norfolk, for an invention for—"Improvements in reaping and mowing machines."
<i>Letters Patent sealed.</i></p> <p>1348. FRANCES ANN WHITEHEAD, of 7, Whitehead's Grove, Chelsea, in the County of Middlesex, for an invention for—"Improvements in treating cream or milk and in obtaining butter and other products therefrom."
<i>Letters Patent sealed.</i></p> <p>1349. CHARLES GARROOD, of Penge, in the County of Surrey, for an invention for—"Improvements in horse rakes and harrows."
<i>Provisional protection only.</i></p> <p>1350. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in apparatus for regulating the pressure of gas."—<i>A communication to him from abroad by Henri Girond, of Paris, in the Empire of France.</i>
<i>Letters Patent sealed.</i></p> <p>1351. THOMAS YOUNG HALL, of the Town and County of Newcastle-upon-Tyne, Mining Engineer and Coal Owner, and JOSEPH STOCKLEY, of the same place, Engineer, for an invention for—"Improvements in apparatus for communicating signals applicable to railway trains and vehicles on land and to vessels on water."
<i>Letters Patent sealed.</i></p> <p>1352. JAMES RONALD, of Liverpool, in the County of Lancaster, Merchant, for an invention for—"Improvements in machinery for the manufacture of 'topped up' 'formed' or 'laid' thread, twine, cord, line, cable and other cordage."
<i>Letters Patent sealed and specification filed by order.</i></p> <p>1353. ALFRED BLAKE, of No. 17, Russell Place, Fitzroy Square, in the County of Middlesex, for an invention for—"Improvements in the process of brewing."
<i>Letters Patent sealed.</i></p> <p>1354. ALPHONSE OUDRY, of Paris, in the French Empire, Engineer, for an invention for—"Improvements in the construction of suspension-bridges."
<i>Letters Patent sealed.</i></p> <p>1355. LOUIS HEINEMANN, of Cannon Street West, in the City of London, representative of Messieurs Stautz and Company, of Offenbach, in Germany, Manufacturers, for an invention for—"An improved fastening for purses, reticules, bags, belts, bands, pocket books, cigar, writing and instrument cases and other similar purposes."—<i>A communication to him from abroad by the aforesaid Messieurs Stautz and Company, of Offenbach, aforesaid.</i>
<i>Letters Patent sealed.</i></p> <p>1356. WILLIAM BYWATER, of Leeds, in the County of York, Machine Maker, for an invention for—"Improvements in means or apparatus for finishing and drying thread, twine, cords and ropes."
<i>Letters Patent sealed.</i></p> <p>1357. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in the manufacture of shirt fronts and in producing fabrics or materials for the same."—<i>A communication to him from abroad by Jean Henri Albigès, of 33, Boulevard Saint Martin, Paris, France.</i>
<i>Provisional protection only.</i></p> |
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HUNTER. 31st May 1861.	1358. WILLIAM HUNTER, of Glassford Street, in the City of Glasgow, North Britain, for an invention for—"Improvements in looms for weaving." <i>Letters Patent sealed.</i>
MACKAY. 31st May 1861.	1359. HUGH BOYD MACKAY, of Knockmore House, Ballymoney, in the County of Antrim, Solicitor, for an invention for—"Cleaning flax, separating the fibre from the straw, called a flax scutching machine." <i>Letters Patent sealed.</i>
GEDGE. 31st May 1861.	1360. WILLIAM EDWARD GEDGE, of the firm of John Gedge and Son, N° 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"Improved machinery or apparatus for cutting stone of every description,"— <i>A communication to him from abroad by Pierre Martin, of Lyons, in the Empire of France, Architect.</i> <i>Provisional protection only.</i>
BROOMAN. 31st May 1861.	1361. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improved apparatus to be applied to the shoes of horses and other shod animals to prevent them from slipping in frosty weather,"— <i>A communication to him from abroad by Pierre Thiry, Senior, of Paris, France.</i> <i>Provisional protection only.</i>
TOLHAUSEN. 31st May 1861.	1362. FREDERICK TOLHAUSEN, Civil Engineer and Patent Agent, of N° 35, Boulevard Bonne-Nouvelle, Paris, in the Empire of France, for an invention for—"Improvements in revolving fire arms,"— <i>A communication from Michel Javelle, a person resident at N° 54, Rue Beaubrun, St. Etienne, in the Empire of France.</i> <i>Letters Patent sealed.</i>
HEALEY. 31st May 1861.	1363. EDWARD CHARLES HEALEY, of 163, Strand, in the County of Middlesex, for an invention for—"Improvements in ordnance and fire arms,"— <i>The result partly of communication made to him by Charles Alger, of Newburgh, New York, in the United States of America, and partly of invention and discovery made by himself.</i> <i>Letters Patent sealed.</i>
HARTNALL. 31st May 1861.	1364. EBENEZER HARTNALL, of Ryde, in the Isle of Wight, for an invention for—"An improvement in the manufacture of paper." <i>Provisional protection only.</i>
GLOVER. 31st May 1861.	1365. GEORGE GLOVER, of 8, Queen Square, Westminster, for an invention for—"Improvements in gas meters and pneumometers,"— <i>Provisional protection only.</i>
CAMERON. 31st May 1861.	1366. PAUL CAMERON, of Glasgow, in the County of Lanark, North Britain, Philosophical Instrument Maker, for an invention for—"Improvements in instruments for measuring, indicating and regulating the pressure or flow of fluids." <i>Letters Patent sealed.</i>
LAMING. 31st May 1861.	1367. RICHARD LAMING, of Priory Road, Kilburn, in the County of Middlesex, for an invention for—"Improvements in manufacturing alkaline carbonates,"— <i>A communication to him from abroad by Joseph Mowbray Laming, of Paris, in the Empire of France.</i> <i>Provisional protection only.</i>
BEAUCLERK. 31st May 1861.	1368. THE RIGHT HONORABLE LORD CHARLES BEAUCLERK, of Riding Manor House, in the County of Northumberland, for an invention for—"Improvements in apparatus for propelling vessels." <i>Provisional protection only.</i>
WIGZELL. 1st June 1861.	1369. MONTAGUE WIGZELL, of Friar's Green, Exeter, in the County of Devon, for an invention for—"An improvement in the form of iron, steel, brass, copper and other metallic alloy, for making nails, spikes, bolts, screws, and other similar driving articles both plain and twisted." <i>Provisional protection only.</i>
BURKE. 1st June 1861.	1370. MICHAEL BURKE, of Liverpool, in the County of Lancaster, Cabinet Maker, for an invention for—"Improvements in the manufacture of folding metallic chairs, bedsteads and sofas and other articles for sitting, lying or reclining upon, a part of which improvements may also be applied to other articles of metallic furniture." <i>Letters Patent sealed.</i>
CORADINE. 1st June 1861.	1371. THOMAS CORADINE, of Glasgow, in the County of Lanark, North Britain, Iron-Plate Roller, for an invention for—"Improvements in machinery or apparatus for cutting or dividing metal or other sheets or plates." <i>Letters Patent sealed.</i>
WILSON. 1st June 1861.	1372. ROBERT WILSON, of Liverpool, in the County of Lancaster, Ship Owner, for an invention for—"Improvements in anchors." <i>Letters Patent sealed.</i>
WATSON. 1st June 1861.	1373. GEORGE WATSON, of Commercial Road, in the County of Middlesex, Engineer, for an invention for—"Improvements in disengaging apparatuses for boats." <i>Provisional protection only.</i>

TAYLOR.
KING.
1st June 1861.

1374. JACOB TAYLOR, of Oldham, in the County of Lancaster, Cotton Spinner, and ROBERT KING, of the same place, Manager, for an invention for—"Improvements in machinery or apparatus for preparing cotton or other fibrous materials to be spun."
Letters Patent sealed.

GONDOLO.
1st June 1861.

1375. PAUL GONDOLO, of 29, Boulevard St. Martin, Paris, in the Empire of France, Pastry Cook, for an invention for—"An improved kneading-machine."
Letters Patent sealed.

BILON.
NAPPEY.
1st June 1861.

1376. LOUIS BILON, Tile & Brick Maker, & JEAN ETIENNE JEREIMIE NAPPEY, Proprietor, both of 29, Boulevard St. Martin, Paris, for an invention for—"Improvements in apparatus for manufacturing bricks and tiles."
Provisional protection only.

STANSFIELD.
1st June 1861.

1377. HOWARTH STANSFIELD, of 41, Back Drake Street, Rochdale, in the County of Lancaster, Mechanical Engineer, for an invention for—"Improvements in punching-machines."
Provisional protection only.

GISBORNE.
1st June 1861.

1378. FREDERIC NEWTON GISBORNE, of N° 3, Adelaide Place, London Bridge, in the City of London, Engineer and Electrician, for an invention for—"Improvements in the means of and apparatus for indicating the course to be steered in ships at sea and in galvanic batteries to be used in some cases therewith."
Letters Patent sealed.

RANSOME.
1st June 1861.

1379. ROBERT CHARLES RANSOME, of Ipswich, in the County of Suffolk, for an invention for—"Improvements in reaping and mowing machines."—*A communication to him from abroad by Thomas Robinson, of Elizabeth Street, Melbourne, Australia.*
Letters Patent sealed.

SHEPARD.
1st June 1861.

1380. WILLIAM ALBERT SHEPARD, of Pall Mall, in the County of Middlesex, for an invention for—"Improvements in steam-boilers."—*Provisional protection only.*

GARROOD.
1st June 1861.

1381. CHARLES GARROOD, of Penge, in the County of Surrey, for an invention for—"Improvements in cultivators and horse hoes."
Provisional protection only.

SHEPARD.
1st June 1861.

1382. WILLIAM ALBERT SHEPARD, of Pall Mall, in the County of Middlesex, for an invention for—"Improvements in obtaining products from coal and in apparatus employed therein."
Letters Patent sealed.

AMBLER.
1st June 1861.

1383. THOMAS AMBLER, of Ingrow Paper Mills, Keighley, in the County of York, Paper Maker, for an invention for—"Improvements in top rollers for spinning and drawing frames."
Provisional protection only.

HARWOOD.
3rd June 1861.

1384. WILLIAM HARWOOD, of Stow Market, in the County of Suffolk, Agricultural Engineer, for an invention for—"Improvements in reaping and mowing machines."
Provisional protection only.

ALLMAN.
3rd June 1861.

1385. HERBERT ALLMAN, of 13, Bedford Row, in the County of Middlesex, Consulting Engineer, for an invention for—"Certain improvements in the construction of castors for furniture."
Letters Patent sealed.

PENRICE.
3rd June 1861.

1386. HERBERT NEWTON PENRICE, of Witton House, near Norwich, for an invention for—"Improvements in machinery for tunnelling and driving galleries through rock and other strata."
Letters Patent sealed.

JEUNE.
3rd June 1861.

1387. WILLIAM RICHARD JEUNE, of Flower Terrace, Campbell Road, Bow, in the County of Middlesex, for an invention for—"Improvements in the manufacture of kamptulican."
Letters Patent sealed.

ARBUCKLE.
3rd June 1861.

1388. GEORGE BENJAMIN VAUGHAN ARBUCKLE, of Charlton, in the County of Kent, Esquire, for an invention for—"Improvements in armour coating for ships, fortifications and other structures."
Letters Patent sealed.

TOWL.
3rd June 1861.

1389. JOHN TOWL, of Plumstead, in the County of Kent, Machinist, for an invention for—"Improvements in propelling vessels."
Letters Patent sealed.

DAVIDGE.
3rd June 1861.

1390. JOSEPH DANIEL DAVIDGE, of No. 3, City Terrace, Old Street Road, in the County of Middlesex, for an invention for—"Improvements in the construction of arches or other curved structures made of brick, stone or other materials."
Provisional protection only.

MUCK.
3rd June 1861.

1391. OSCAR MUCK, of Bavaria, but temporary of 4, South Street, Finsbury, London, Engineer, for an invention for—"Improvements in machinery or apparatus for the manufacture of matches."—*A communication to him from abroad by Ottmar Walch, of Paris, France, Engineer.*
Provisional protection only.

MENNONS. 4th June 1861.	1392. MARC ANTOINE FRANCOIS MENNON, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"An improved combination of metals for the production of a white alloy resisting the action of vegetable acids."— <i>A communication from Mr. Benoni Ferdinand Trabuc, a person resident at Nîmes (Dep^t du Gard), France.</i> <i>Provisional protection only.</i>
MENNONS. 4th June 1861.	1393. MARC ANTOINE FRANCOIS MENNON, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"Improvements in the construction of miniature microscopes and in the arrangement of the objects used therewith."— <i>A communication from Adolphe L'Chouippe (M.D.), a person resident at Paris.</i> <i>Complete specification; Letters Patent sealed.</i>
ALLMAN. 4th June 1861.	1394. HERBERT ALLMAN, of 13, Bedford Row, in the County of Middlesex, Consulting Engineer, for an invention for—"Certain improvements in the construction of window-sash fasteners." <i>Letters Patent sealed.</i>
HARGREAVES. HOLDEN. HOLT. 4th June 1861.	1395. STEPHEN HARGREAVES, and ROBERT HOLDEN, of Helmsore, in the County of Lancaster, and HENRY HOLT, of Newchurch, in the said County, for an invention for—"Improvements in machinery or apparatus for sizing warps or yarns." <i>Letters Patent sealed.</i>
HAZARD. 4th June 1861.	1396. HENRY HERBERT HAZARD, of Nelson Terrace, City Road, in the County of Middlesex, Engineer, for an invention for—"Improvements in cartridges." <i>Provisional protection only.</i>
PRINCE. 4th June 1861.	1397. ALEXANDER PRINCE, of the Office for Patents, 4, Trafalgar Square, Charing Cross, in the County of Middlesex, for an invention for—"Improvements in the manufacture of gas and in the apparatus connected therewith."— <i>A communication to him from abroad by Messieurs. Schaeffer and Walcker, residents at Berlin, in the Kingdom of Prussia.</i> <i>Letters Patent sealed.</i>
STEVENSON. 4th June 1861.	1398. JOHN MACKENESS STEVENSON, of N ^o 5, Prospect Place, Cheyne Walk, Chelsea, in the County of Middlesex, Gentleman, for an invention for—"Improvements in the manufacture of boots and shoes." <i>Provisional protection only.</i>
THOMAS. 4th June 1861.	1399. DAVID WILSON THOMAS, of the firm of Messrs. Fawcett, Preston & Co., of Liverpool, in the County of Lancaster, Engineers, for an invention for—"Improvements applicable to centrifugal machines."— <i>A communication to him from abroad by Jean Adolphe Leon, residing in Upper Egypt.</i> <i>Letters Patent sealed.</i>
FLOYD. 4th June 1861.	1400. WILLIAM REYNOLDS FLOYD, of Commercial Road East, in the County of Middlesex, Artizan, for an invention for—"An improved means of or apparatus for supporting knapsacks and packs." <i>Letters Patent sealed.</i>
FORD. 4th June 1861.	1401. JOHN FORD, of Thames Iron Works, Blackwall, in the County of Middlesex, for an invention for—"Improvements in ships' rudders." <i>Provisional protection only.</i>
HANCOCK. HANCOCK. 4th June 1861.	1402. JAMES LAMB HANCOCK, and FREDERICK LAMB HANCOCK, Agricultural Engineers, of Pentonville, in the County of Middlesex, for an invention for—"Improvements in implements for pulverizing, ploughing and grubbing land, and in applying motive-power for working agricultural implements, parts of which improvements are applicable to condensing-engines." <i>Letters Patent sealed.</i>
HOLDSWORTH. 4th June 1861.	1403. JOSEPH HULME HOLDSWORTH, of the firm of J. Holdsworth and Son, of Wakefield, in the County of York, Dyers and Finishers, for an invention for—"An improvement in preparing, 'crabbing' or finishing piece goods and improvements in machinery employed therein." <i>Letters Patent sealed.</i>
HUBBELL. 4th June 1861.	1404. ANSON HUBBELL, of Salisbury Street, in the City of Westminster, Gentleman, for an invention for—"An improved apparatus to be used in washing clothes and other articles." <i>Provisional protection only.</i>
HUBBELL. 4th June 1861.	1405. ANSON HUBBELL, of Salisbury Street, in the City of Westminster, Gentleman, for an invention for—"An improvement in churns." <i>Provisional protection only.</i>
ROEBER. 4th June 1861.	1406. HEINRICH GOTTLIEB BERNHARD ROEBER, of Silvertown, in the County of Essex, Telegraphic Engineer, for an invention for—"Improvements in the manufacture of insulators for telegraphic wires, and in materials and machinery for coating telegraphic wires." <i>Provisional protection only.</i>

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| STANDFAST.
4th June 1861. | 1407. SAMUEL STANDFAST, of Hackney, in the County of Middlesex, Builder, for an invention for—"An improved composition for building to be used in substitution for brick and stone, and an improved method of constructing walls and roofs for houses and other purposes."
<i>Letters Patent sealed.</i> |
| VAN BRAAM.
4th June 1861. | 1408. JOHN ANDREW VAN BRAAM, of the City of New York, Artist, for an invention for—"Improvements in constructing the barrels of fire-arms and ordnance, and in fire-arms."
<i>Letters Patent sealed.</i> |
| WILLIAMS.
4th June 1861. | 1409. JOHN ALLIN WILLIAMS, of Baydon, in the County of Wilts, Farmer, for an invention for—"Improvements in machinery or implements for cultivating land by steam power."
<i>Letters Patent sealed.</i> |
| BUFF.
4th June 1861. | 1410. HEINRICH LUDWIG BUFF, of Osnabruch, in the Kingdom of Hanover, Chemist and Stearic Acid Candle Manufacturer, for an invention for—"Improvements in the treatment of fatty and oily matters."
<i>Provisional protection only.</i> |
| STANFORD.
4th June 1861. | 1411. EDWARD CHARLES STANFORD, of Worthing, in the County of Sussex, F.C.S., for an invention for—"Improvements in obtaining products from sea weeds."
<i>Letters Patent sealed.</i> |
| DODSWORTH.
SMITH.
5th June 1861. | 1412. MARTIN DODSWORTH, of New Malton, in the County of York, Cabinet Maker, and WILLIAM SMITH, of New Malton, aforesaid, Piano forte Maker, for an invention for—"An improved boot and shoe cleaning machine."
<i>Provisional protection only.</i> |
| DUGUET.
5th June 1861. | 1413. ANTONIN DUGUET, of 15, Newman Street, in the County of Middlesex, Commission Agent, for an invention for—"An improvement in the manufacture of pianos."— <i>A communication to him from abroad by M^r Auguste Antoine Villaert, of 14, Rue de Chabrol, Paris.</i>
<i>Provisional protection only.</i> |
| SMITH.
5th June 1861. | 1414. EDMUND SMITH, of Hamburg, Gas Meter Manufacturer, for an invention for—"Improvements in wet gas meters."
<i>Provisional protection only.</i> |
| MANCEAUX.
5th June 1861. | 1415. FRANÇOIS JULES MANCEAUX, of Paris, in the Empire of France, Gun Manufacturer, for an invention for—"Improvements in breech loading arms and in projectiles for breech loading arms."
<i>Letters Patent sealed.</i> |
| CHAPMAN.
5th June 1861. | 1416. OLIVER CHAPMAN, of Clerkenwell, in the County of Middlesex, Dressing and Writing Case Manufacturer, for an invention for—"An improved dressing and writing case."
<i>Provisional protection only.</i> |
| BAKER.
6th June 1861. | 1417. JOHN BAKER, Manager at the firm of E. M. Reilly & Co., Gunmakers, 315, Oxford Street, London, W., in the County of Middlesex, for an invention for—"The more perfectly finishing off and closing loaded cartridge cases used in breech loading sporting guns."
<i>Provisional protection only.</i> |
| NICKOLS.
6th June 1861. | 1418. DANIEL NICKOLS, of the City of Manchester, in the County of Lancaster, Engineer, for an invention for—"Improvements in machinery or apparatus for cutting paper or other materials."
<i>Letters Patent sealed.</i> |
| BAILEY.
BAILEY.
6th June 1861. | 1419. JOHN BAILEY and WILLIAM HENRY BAILEY, of the Albion Works, Salford, Manchester, in the County of Lancaster, Turret Clock Makers, for an invention for—"Improvements in apparatus for indicating the speed, flow, pressure and vacuum of liquids, fluids and other bodies."
<i>Provisional protection only.</i> |
| COLES.
6th June 1861. | 1420. HENRY THOMAS COLES, of Silchester, in the County of Hants, Esquire, for an invention for—"Improvements in mechanism or apparatus for locks and bolts and other fasteners, gun locks and gun breeches, catches for weaving, shuttles, double screws, rifles, pistols, other fire-arms and ordnance, weaving-traversers, winders, sewing, weaving, netting and other machines, and self acting claws and grapplers."
<i>Letters Patent sealed.</i> |
| DE MIRIMONDE.
6th June 1861. | 1421. LÉON JOSEPH POMME DE MIRIMONDE, of Paris, in the Empire of France, Gentleman, for an invention for—"Improvements in axle boxes and in lubricating the parts therein."
<i>Letters Patent sealed.</i> |
| WRIGHT.
6th June 1861. | 1422. JAMES WRIGHT, of 42, Bridge Street, Blackfriars, in the City of London, Civil Engineer, for an invention for—"Improvements in the method of and apparatus for separating foreign matters from the droppings from carding-machines and for returning the residue thereunto."— <i>A communication to him from abroad by James Fitton, of Cavendish, in the County of Windsor, in the State of Vermont, United States of America.</i>
<i>Provisional protection only.</i> |

MOORE. 6th June 1861.	1423. SAMPSON MOORE, of Liverpool, in the County of Lancaster, Millwright, Engineer and Iron Founder, for an invention for—"Improvements in machinery or apparatus for dressing and polishing rice." <i>Letters Patent sealed.</i>
RIGBY. LOWE. 6th June 1861.	1424. HUGH RIGBY, and PETER WARBURTON LOWE, of Salford, in the County of Lancaster, Engineers, for an invention for—"Improvements in the construction of steam-boilers and in the arrangement of the flues of steam-boilers." <i>Provisional protection only.</i>
STRATFORD. 6th June 1861.	1425. CHARLES STRATFORD, of No. 1, Croom's Hill Grove, Greenwich, Kent, for an invention for—"An equilibrium steering apparatus." <i>Provisional protection only.</i>
BAKER. 6th June 1861.	1426. GEORGE BAKER, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"A new or improved instrument or apparatus for churning and for beating eggs and for other like purposes." <i>Letters Patent sealed.</i>
HAMILTON. HAMILTON. 6th June 1861.	1427. THOMAS HAMILTON, and JAMES HAMILTON, both of Glasgow, in the County of Lanark, North Britain, Bobbin Turners, for an invention for—"Improvements relating to cop tubes." <i>Letters Patent sealed.</i>
RUST. 6th June 1861.	1428. JESSE RUST, of Lambeth Glass Works, Carlisle Street, Lambeth, in the County of Surrey, Glass Manufacturer, for an invention for—"An improved composition or preparation for hardening and preserving stone and cement." <i>Provisional protection only.</i>
TURNER. YATES. 6th June 1861.	1429. HENRY TURNER, of Leicester, in the County of Leicester, Elastic Web Manufacturer, and THOMAS YATES, of the same place, Chemist and Druggist, for an invention for—"Improvements in the manufacture of elastic web." <i>Letters Patent sealed.</i>
HAWKINS. 6th June 1861.	1430. SAMUEL HAWKINS, of 2, John Street, Kingsland Road, N.E., for an invention for—"Improvements in expanding tables." <i>Letters Patent sealed.</i>
TURNER. YATES. 6th June 1861.	1431. HENRY TURNER, of Leicester, in the County of Leicester, Elastic Web Manufacturer, and THOMAS YATES, of the same place, Chemist and Druggist, for an invention for—"Improvements in railway signals." <i>Letters Patent sealed.</i>
JOHNSTON. 6th June 1861.	1432. WILLIAM OLIVER JOHNSTON, of Newcastle-upon-Tyne, for an invention for—"Improvements in pillars for supporting the roof in coal and other mines." <i>Letters Patent sealed.</i>
GODFREY. 6th June 1861.	1433. BENJ ⁿ D. GODFREY, of Milford, in the State of Massachusetts, United States of America, for an invention for—"An improved boot or shoe with leather 'uppers' and india-rubber soles." <i>Letters Patent sealed.</i>
LISTER. WARBURTON. 6th June 1861.	1434. SAMUEL CUNLIFFE LISTER, and JAMES WARBURTON, Spinners, of Bradford, County of York, for an invention for—"Improvements in treating, spinning and doubling yarns." <i>Letters Patent sealed.</i>
HEWETT. 6th June 1861.	1435. EDWARD HEWETT, of St. Leonards on Sea, in the County of Sussex, Brewer, for an invention for—"Improvements in apparatus for creating or increasing air draughts in flues or other channels for ventilation & other purposes." <i>Provisional protection only.</i>
SMITH. 6th June 1861.	1436. ALFRED SMITH, of Hull, in the County of York, Corn Merchant, for an invention for—"Improvements in drying, sweetening, purifying & otherwise improving wheat & other grain, and in apparatus for the same." <i>Provisional protection only.</i>
PLATT. RICHARDSON. 6th June 1861.	1437. JOHN PLATT, of Oldham, in the County of Lancaster, Mechanical Engineer, and WILLIAM RICHARDSON, of the same place, Mechanical Engineer, for an invention for—"Improvements in machinery or apparatus for making bricks." <i>Letters Patent sealed.</i>
NEWTON. 6th June 1861.	1438. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements applicable to railways for the purpose of facilitating the transport of carriages containing goods and passengers across arms of the sea, rivers, lakes or inland waters." <i>A communication to him from abroad by Monsieur Mallat de Bassilan, of Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>

PLATT. RICHARDSON. 6th June 1861.	1439. JOHN PLATT, of Oldham, in the County of Lancaster, Mechanical Engineer, and WILLIAM RICHARDSON, of the same place, Mechanical Engineer, for an invention for—"Improvements in machinery or apparatus commonly called 'gins' for cleaning cotton from seeds." <i>Letters Patent sealed.</i>
RIDDLE. COOMBS. 7th June 1861.	1440. WILLIAM RIDDLE, of 1, Barford Street, Islington, London, and HENRY GODFREY COOMBS, of 17, Union Street, Southwark, for an invention for—"Improvements in shop fronts." <i>Provisional protection only.</i>
VAUGHAN. 7th June 1861.	1441. JOHN VAUGHAN, of the Firm of Messrs. Bolckow and Vaughan, of Middlesborough Iron Works, Middlesborough-on-Tees, in the County of York, Iron Master, for an invention for—"Improvements in the manufacture of railway sleepers." <i>Letters Patent sealed.</i>
HARLOW. 7th June 1861.	1442. ROBERT HARLOW, of Heaton Norris, in the County of Lancashire, Engineer, for an invention for—"Improvements in the fire bridges and tubes of steam-boilers, and in the manner of applying the same." <i>Letters Patent sealed.</i>
BALSAC. 7th June 1861.	1443. HYPOLITE AUGUSTE BALSAC, Gentleman, of Paris, France, for an invention for—"An improved electro-thermometrical alarm." <i>Provisional protection only.</i>
LEELAND. 7th June 1861.	1444. JOHN LEELAND, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"An improvement or improvements in the sacking of bedsteads and couches and other articles used for sitting, lying or reclining upon." <i>Provisional protection only.</i>
DE SIMENCOURT. BLACKWELL. 7th June 1861.	1445. HENRI DE SIMENCOURT, of Corbyns' Hall, near Dudley, in the County of Worcester, Manager of Iron Works, and JOHN KENYON BLACKWELL, of No. 73, Gloucester Terrace, Hyde Park, in the County of Middlesex, Iron Master, for an invention for—"Improvements in reverberatory and other furnaces." <i>Letters Patent sealed.</i>
BENNETT. 7th June 1861.	1446. SAMUEL BENNETT, the younger, of Handsworth, in the County of Stafford, Coke, Coal and Iron Dealer, for an invention for—"An improvement or improvements in utilizing waste or defective pieces of tubing made of iron or of other metal or metallic alloy." <i>Provisional protection only.</i>
WOOD. 7th June 1861.	1447. WILLIAM WOOD, of Shibden, near Halifax, in the County of York, Machinist, for an invention for—"Improvements in looms for weaving." <i>Letters Patent sealed.</i>
CROLL. 7th June 1861.	1448. ALEXANDER ANGUS CROLL, of Coleman Street, in the City of London, Engineer, for an invention for—"Improvements in the manufacture of sulphate of alumina." <i>Letters Patent sealed.</i>
COWPER. 7th June 1861.	1449. EDWARD ALFRED COWPER, of Great George Street, Westminster, for an invention for—"Improvements in protecting ships of war and land batteries from the effects of projectiles." <i>Provisional protection only.</i>
LEOPARD. 7th June 1861.	1450. WILLIAM LEOPARD, of Hurstpierpoint, in the County of Sussex, Corn Merchant, for an invention for—"Improvements in railway brakes." <i>Letters Patent sealed.</i>
COLE. 7th June 1861.	1451. RICHARD LOCKINGTON COLE, of Minerva Place, Kennington Road, in the County of Surrey, Gentleman, for an invention for—"An improved manufacture of glove for currying horses and other cattle." <i>Provisional protection only.</i>
LANCASTER. 7th June 1861.	1452. CHARLES WILLIAM LANCASTER, of New Bond Street, in the County of Middlesex, Gun Manufacturer, for an invention for—"An improved method of sheathing ships and vessels with copper and other metallic sheathing." <i>Letters Patent sealed.</i>
CLARKE. 7th June 1861.	1453. JOHN FARRAND CLARKE, of 26, Moorgate Street, in the City of London, Gas and Steam Engineer, for an invention for—"Improvements in apparatus for regulating the supply of fluids." <i>Letters Patent sealed.</i>
SANDS. 7th June 1861.	1454. WILLIAM AUGUSTUS SANDS, of New York, United States of America, for an invention for—"Improvements in the construction or manufacture of sails for ships or other vessels." <i>Letters Patent sealed.</i>
WHINES. 8th June 1861.	1455. JOHN WHINES, of Pimlico, in the County of Middlesex, Builders' Foreman, for an invention for—"Improvements in double action box spring hinges for swing doors." <i>Letters Patent sealed.</i>

ROBERTSON. 8th June 1861.	1456. WILLIAM ROBERTSON, of the City of Manchester, Engineer, for an invention for—"Improvements in the manufacture of drawing and delivering rollers used in preparing and spinning fibrous materials." <i>Provisional protection only.</i>
DU MONT. 8th June 1861.	1457. HENRY DU MONT, of the Comptoir des Brevets d'Invention, No. 150, Rue de Rivoli, in the Empire of France, Engineer, for an invention for—"A photographic apparatus having for object to reproduce the successive phases and shiftings of a motion." <i>Letters Patent sealed.</i>
WORRALL. LAWRENCE. 8th June 1861.	1458. JOHN MAYO WORRALL, of Ordsall, in the County of Lancaster, Dyer & Finisher, and THOMAS LAWRENCE, of the same place, Mechanic, for an invention for—"Certain improvements in machinery or apparatus for brushing, raising and dressing the surfaces of cut pile and looped-fabrics." <i>Letters Patent sealed.</i>
LATHAM. 8th June 1861.	1459. ROBERT MARSDEN LATHAM, of 71, Fleet Street, in the City of London, Manager of the General Patent Company (Limited), for an invention for—"An improvement in hooped or hoop skirts."— <i>A communication to him from abroad by John Colter Kelley, of Canal Street, New York, in the United States of America.</i> <i>Provisional protection only.</i>
MASON. 8th June 1861.	1460. JOHN MASON, of the Town and County of the Town of Nottingham, Livery Stable Keeper, for an invention for—"A woollen article as a substitute for a sponge." <i>Letters Patent sealed.</i>
HOWARD. BOUSFIELD. 8th June 1861.	1461. JAMES HOWARD, Agricultural Engineer, & EDWARD TENNEY BOUSFIELD, Engineer, both of Bedford, for an invention for—"Improvements in hay-making machines." <i>Letters Patent sealed.</i>
ROMAN. 8th June 1861.	1462. JOSEPH ROMAN, of Liverpool, in the County of Lancaster, Practical Chemist, for an invention for—"Improvements for economising fuel in evaporating and concentrating chiefly applicable to the manufacture of chemicals, and in the apparatus connected therewith." <i>Provisional protection only.</i>
O'HANLON. 8th June 1861.	1463. PATRICK O'HANLON, of the Town and County of the Town of Kingston-upon-Hull, Boiler Maker, for an invention for—"Improvements in marine and land steam-boilers." <i>Letters Patent sealed.</i>
MARTIN. 8th June 1861.	1464. JULIANA MARTIN, of Myrtle Hall, Sidmouth, in the County of Devon, for an invention for—"An improved ironing stove." <i>Letters Patent sealed.</i>
RYMER. 8th June 1861.	1465. JAMES RYMER, of No. 33, Avenue Road, Regent's Park, in the County of Middlesex, for an invention for—"Improvements in the permanent way of railways." <i>Letters Patent sealed.</i>
HUTCHINSON. 8th June 1861.	1466. JOHN HUTCHINSON, of Appleton Lodge, Widnes, near Warrington, in the County of Lancaster, Manufacturing Chemist, for an invention for—"Improvements in the treatment of wool." <i>Provisional protection only.</i>
McKAY. 8th June 1861.	1467. JAMES McKAY, of Glasgow, in the County of Lanark, North Britain, Artist, for an invention for—"Improvements in apparatus or means for cleaning chimneys or flues." <i>Provisional protection only.</i>
CLARK. 8th June 1861.	1468. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in the manufacture of a material or composition for cleaning and polishing metals and glass."— <i>A communication to him from abroad by M^r. Alexandre Cochet, of 29, Boulevard St. Martin, Paris, Chemist.</i> <i>Provisional protection only.</i>
CLARK. 8th June 1861.	1469. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in constructing casks, tubs and other like vessels whereby to render them watertight."— <i>A communication to him from abroad by M^r. Louis Désiré Trannin, of 29, Boulevard St. Martin, Paris, Oil Merchant.</i> <i>Letters Patent sealed.</i>
WHITEHEAD. 10th June 1861.	1470. JAMES WHITEHEAD, of David Street, in the City of Manchester, Commission Agent, for an invention for—"Certain improvements in looms for weaving." <i>Letters Patent sealed.</i>
DE MONTAGU. 10th June 1861.	1471. AUGUSTE LOUIS CÉSAR DE MONTAGU, of 2, Rue S ^{te} Appoline, Paris, France, and of 4, South Street, Finsbury, London, for an invention for—"A cone preventing smoke and extinguishing fires in chimneys." <i>Letters Patent sealed.</i>

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| <p>ARMSTRONG.
10th June 1861.</p> <p>BROWN.
10th June 1861.</p> <p>ROLLO.
10th June 1861.</p> <p>WELLER.
10th June 1861.</p> <p>OLDROYD.
10th June 1861.</p> <p>MASON.
10th June 1861.</p> <p>CROFTS.
10th June 1861.</p> <p>WHITWORTH.
10th June 1861.</p> <p>LANGDALE.
10th June 1861.</p> <p>STEART.
10th June 1861.</p> <p>HAWDON.
10th June 1861.</p> <p>ROMAINE.
10th June 1861.</p> <p>VARLEY.
10th June 1861.</p> <p>CARTER.
10th June 1861.</p> <p>HENRY.
10th June 1861.</p> <p>SCHNEIDER.
11th June 1861.</p> <p>STEVENS.
11th June 1861.</p> | <p>1472. ROBERT ARMSTRONG, of North Woolwich, in the County of Essex, Civil Engineer, for an invention for—"Improvements in marine steam-boilers, parts of which improvements are applicable to other steam-boilers, and in apparatus connected therewith." <i>Letters Patent sealed.</i></p> <p>1473. ANDREW BROWN, of Waterloo Road, Liverpool, in the County of Lancaster, Brass Founder, for an invention for—"Improvements in obtaining fresh water at sea by means of distilling apparatus, combined with the cooking stoves or otherwise." <i>Letters Patent sealed.</i></p> <p>1474. DAVID ROLLO, of Liverpool, in the County of Lancaster, Engineer and partner in the firm of James Jack & Co. of the Victoria Engine Works, for an invention for—"Improvements in valves for steam and other engines." <i>Provisional protection only.</i></p> <p>1475. WILLIAM WELLER, of Mile End, in the County of Middlesex, Engineer, for an invention for—"Improved apparatus for supplying fuel to furnaces, preventing or consuming smoke, and economizing fuel." <i>Provisional protection only.</i></p> <p>1476. JOHN OLDROYD, of Dewsbury, in the West Riding of the County of York, Woollen Manufacturer and Merchant, for an invention for—"Improvements in combining or mixing various colours of wool or other fibrous substances in the preparation of yarns for textile fabrics." <i>Provisional protection only.</i></p> <p>1477. MARK MASON, of Manchester, Engineer and Machinist, for an invention for—"Improvements in flyers and spindles of machinery for preparing, spinning and doubling fibrous substances." <i>Letters Patent sealed.</i></p> <p>1478. WILLIAM CROFTS, of Lenton Terrace, Park Side, Nottingham, Manufacturer, for an invention for—"Improvements in means or apparatus employed in the manufacture of fabrics by lace machinery." <i>Provisional protection only.</i></p> <p>1479. CHARLES FREDERICK WHITWORTH, of Moses Gate, near Bolton, Lancashire, for an invention for—"Improvements in means or apparatus employed in signalling on railways." <i>Provisional protection only.</i></p> <p>1480. JOHN LANGDALE, Junior, of South Stockton-on-Tees, in the County of York, for an invention for—"An improved washing-machine."—<i>Letters Patent sealed.</i></p> <p>1481. JAMES STEART, of 5, St James Road, Blue Anchor Road, Bermondsey, in the County of Surrey, for an invention for—"Improvements in treating skins for the manufacture of leather." <i>Letters Patent sealed.</i></p> <p>1482. MICHAEL HAWDON, of Blaydon, in the County of Durham, Iron founder, for an invention for—"Improvements in apparatus for constructing moulds for casting metals." <i>Letters Patent sealed.</i></p> <p>1483. ROBERT ROMAINE, of Devizes, in the County of Wilts, Agricultural Engineer, for an invention for—"Improvements in machinery applicable to steam cultivation." <i>Letters Patent sealed.</i></p> <p>1484. CROMWELL FLEETWOOD VARLEY, of No 4, Fortress Terrace, in the County of Middlesex, Electrician, for an invention for—"Improvements in electric telegraphs." <i>Provisional protection only.</i></p> <p>1485. JOHN BUDIBENT CARTER, of Wilford Road, in the Town and County of the Town of Nottingham, Lace Dresser, for an invention for—"Improvements in apparatus used in dressing lace or other fabrics." <i>Provisional protection only.</i></p> <p>1486. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in fire-arms."—<i>A communication to him from abroad by Pierre Joseph Jarre, of 33, Boulevard Saint Martin, Paris, France.</i> <i>Letters Patent sealed.</i></p> <p>1487. FRANÇOIS EUGÈNE SCHNEIDER, of No 13, Rue Gaillon, Paris, Gunsmith, for an invention for—"Improvements in breach loading fire-arms." <i>Letters Patent sealed.</i></p> <p>1488. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"An improved crushing and pulverising machine."—<i>A communication to him from abroad by Adolphe Joseph Canu, of 42, rue Laffitte, Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i></p> |
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STEVENS. 11th June 1861.	1489. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"An improved impermeable varnish for leather." — <i>A communication to him from abroad by Joseph Chapa & Ernest Lacaze, of 42, rue Laffitte, Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
SMALL. 11th June 1861.	1490. THOMAS OSWALD SMALL, of the Town and County of Newcastle-upon-Tyne, for an invention for—"An improved optical instrument for the use of designers and others." <i>Provisional protection only.</i>
CRANE. 11th June 1861.	1491. PATRICK MOIR CRANE, of the Irish Peat Works, Athy, Ireland, Manufacturer, for an invention for—"Improvements in the manufacture of peat fuel." <i>Provisional protection only.</i>
HARDING. WINSOR. 11th June 1861.	1492. JAMES DUFFIELD HARDING, of Barnes, in the County of Surrey, Artist, and WILLIAM HENRY WINSOR, of Rathbone Place, in the County of Middlesex, Artists' Colorman, for an invention for—"Improvements in drawing materials and apparatus for the use of artists." <i>Letters Patent sealed.</i>
HUGHES. 11th June 1861.	1493. EDWARD THOMAS HUGHES, of the Firm of Hughes and Son, Patent Agents, 123, Chancery Lane, London, for an invention for—"Improvements in extracting oil from seeds and in machinery or apparatus employed therein."— <i>A communication to him from abroad by Johann Gottfried Hofmann, of Breslau, in the Kingdom of Prussia.</i> <i>Letters Patent sealed.</i>
CHEYNE. 11th June 1861.	1494. CHARLES CHEYNE, of Great George Street, in the City of Westminster, Civil Engineer, for an invention for—"An improved method of constructing safety rifle and other gun ranges." <i>Provisional protection only.</i>
SMITH. SCATTERGOOD. 11th June 1861.	1495. ROBERT WALKER SMITH, of the Town of Nottingham, Hosier, and DANIEL SCATTERGOOD, of the same Town, Framesmith, for an invention for—"Improvements in machinery for manufacturing looped fabrics." <i>Letters Patent sealed.</i>
SINGER. 11th June 1861.	1496. SAMUEL BERRY SINGER, of Southsea, in the County of Southampton, Master Mariner, for an invention for—"An improvement in the card of compasses." <i>Letters Patent sealed.</i>
CHALMERS. 11th June 1861.	1497. CHARLES CHALMERS, of Edinburgh, in the County of Mid-Lothian, North Britain, Gentleman, for an invention for—"Improvements in gas stoves." <i>Provisional protection only.</i>
NEWTON. 11th June 1861.	1498. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in gunstocks."— <i>A communication to him from abroad by Charles Richard Alsop, of Middleton, State of Connecticut, and Joseph Wright Alsop, and Henry Chauncey, Junior, both of New York, all in the United States of America.</i> — <i>Letters Patent sealed.</i>
WALKER. 12th June 1861.	1499. WILLIAM HAMMOND WALKER, of Liverpool, in the County of Lancaster, for an invention for—"A floating hydraulic lift stage for raising navigable vessels or other heavy bodies above the surface of the water, and an improved method of 'blocking' or shoring up." <i>Letters Patent sealed.</i>
DAUNCEY. 12th June 1861.	1500. JOHN ALBERT DAUNCEY, of Bury, in the County of Lancaster, Yarn Agent's Salesman, for an invention for—"Improvements in apparatus for supplying liquid nourishment to infants and invalids, and in the application of such improvements to the feeding of animals." <i>Letters Patent sealed.</i>
HOPE. GREENHALGH. 12th June 1861.	1501. JOHN HOPE, and WILLIAM GREENHALGH, of Bedford, in the County of Lancaster, Mechanics, for an invention for—"Certain improvements in machinery or apparatus for cutting turnips, roots or other substances." <i>Provisional protection only.</i>
GEDGE. 12th June 1861.	1502. WILLIAM EDWARD GEDGE, of the Firm of John Gedge and Son, No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"An improved reaping and mowing machine."— <i>A communication to him from abroad by Victor Emile Douat Duchataux, of Marez, Department of the Marne, France.</i> <i>Letters Patent sealed.</i>
CALLAUD. 12th June 1861.	1503. JEAN ARMAND CALLAUD, of Nantes, in the Department of the Loire Inférieure, in the Empire of France, Watchmaker, for an invention for—"Improvements in the construction of electrical piles." <i>Letters Patent sealed.</i>

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| <p>DURRANT.
HARRIS.
12th June 1861.</p> <p>MASON.
12th June 1861.</p> <p>PÈTRE.
12th June 1861.</p> <p>WATT.
12th June 1861.</p> <p>DREW.
12th June 1861.</p> <p>COX.
12th June 1861.</p> <p>NAPIER.
12th June 1861.</p> <p>WALMSLEY.
ROSTRON.
12th June 1861.</p> <p>JOBSON.
VARLEY.
12th June 1861.</p> <p>GIRARD.
12th June 1861.</p> <p>SWAN.
13th June 1861.</p> <p>GEDGE.
13th June 1861.</p> <p>CHATONET.
13th June 1861.</p> <p>HOLLAND.
13th June 1861.</p> <p>KNOWLES.
13th June 1861.</p> <p>BING.
13th June 1861.</p> | <p>1504. JAMES DURRANT, of Fitzroy Square, Zinc Worker, and NOEL ALLEYNE HARRIS, of Bayswater, Gentleman, both in the County of Middlesex, for an invention for—“Improvements in the form and construction of chimney tops or appliances for surmounting chimneys in order to regulate the up currents and prevent the down draughts.”
<i>Letters Patent sealed.</i></p> <p>1505. HUGH MASON, of Ashton-under-Lyne, in the County of Lancaster, Cotton Manufacturer, for an invention for—“Improvements in machinery or apparatus for preparing and spinning cotton or other fibrous materials.”
<i>Letters Patent sealed.</i></p> <p>1506. LOUIS JEAN JACQUES PÈTRE, of 29, Boulevard St. Martin, Paris, Merchant, for an invention for—“An improved smoke-consuming grate.”
<i>Provisional protection only.</i></p> <p>1507. JOHN WATT, of No. 2, Westmoreland Place, Camberwell, in the County of Surrey, Chemist, for an invention for—“An improved mode of converting vegetable fibrous substances into pulp.”
<i>Letters Patent sealed.</i></p> <p>1508. JOSEPH DREW, of Belgrave Terrace, Weymouth, in the County of Dorset, for an invention for—“Improvements in the adaptation of plates or shields to fixed and floating batteries and also ships, for the purpose of more effectually resisting shot or other projectiles.”
<i>Provisional protection only.</i></p> <p>1509. GEORGE COX, of 17, Victoria Terrace, Queen's Road, Holloway, in the County of Middlesex, for an invention for—“An improved ‘floor-dog’ or cramp.”
<i>Provisional protection only.</i></p> <p>1510. JOHN NAPIER, of Edinburgh, in the County of Mid-Lothian, North Britain, Machinist, for an invention for—“Improvements in stereotyping.”
<i>Letters Patent sealed.</i></p> <p>1511. DAVID WALMSLEY, and JOHN ROSTRON, both of Disley, in the County of Chester, for an invention for—“Improvements (partly for the purpose of preventing accidents) applicable to hoisting machinery used in mills, warehouses and other places.”
<i>Letters Patent sealed.</i></p> <p>1512. ROBERT JOBSON, of Dudley, and CROMWELL FLEETWOOD VARLEY, of 4, Fortress Terrace, Kentish Town, in the County of Middlesex, for an invention for—“Improvements in posts or supports for telegraph wires.”
<i>Letters Patent sealed.</i></p> <p>1513. JEAN PIERRE GIRARD, of Coutances, in the department of the Manche, in the Empire of France, for an invention for—“An improved coffee-mill.”
<i>Provisional protection only.</i></p> <p>1514. CHARLES SWAN, of College Hill, City of London, Manufacturer, for an invention for—“An improved form of travelling-bags.”
<i>Letters Patent sealed.</i></p> <p>1515. WILLIAM EDWARD GEDGE, of the Firm of John Gedge and Son, of 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—“Improved beating apparatus for picking and cleaning substances used in making or manufacturing woven or textile fabrics more especially cashmeres, alpacas and other fine materials, preparing the same for scouring.”—<i>A communication to him from abroad by Michel Girrés, of Bazeilles, near Sedan, the Ardennes, France, Spinner.</i>
<i>Provisional protection only.</i></p> <p>1516. ETIENNE CHATONET, Junior, of La Rochelle, in the Department of the Lower Charente, in the Empire of France, Merchant, for an invention for—“An improved machine or apparatus for manufacturing the covers of tin or other metal cases.”
<i>Provisional protection only.</i></p> <p>1517. HENRY HOLLAND, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—“An improvement in the manufacture of umbrellas and parasols.”
<i>Provisional protection only.</i></p> <p>1518. JOHN KNOWLES, of Bolton-le-Moors, in the County of Lancaster, Cotton Spinner, for an invention for—“Certain improvements in machinery for preparing cotton and other fibrous materials.”
<i>Letters Patent sealed.</i></p> <p>1519. EDWARD BING, of Ramsgate, in the County of Kent, Builder, for an invention for—“Improvements in the construction and fittings of sliding window sashes.”
<i>Letters Patent sealed.</i></p> |
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ILLINGWORTH. 13th June 1861.	1520. JONAS ILLINGWORTH, of Bradford, in the County of York, Architect, for an invention for—"Improvements in arranging sizing-houses, brew-houses, dye-houses and other houses and chambers, to facilitate the removal of steam set free therein, also in the construction of troughs for sizing cotton warps, and in boxes or other receivers for holding such sized cotton warps." <i>Letters Patent sealed.</i>
GREGORY. 13th June 1861.	1521. FRANCIS GREGORY, of the City of Manchester, in the County of Lancaster, Agricultural Implement Maker, for an invention for—"Improvements in machinery or apparatus for cutting hay and chaff or other similar purposes." <i>Letters Patent sealed.</i>
COOK. HACKING. 13th June 1861.	1522. SAMUEL COOK, and WILLIAM HENRY HACKING, of Bury, in the County of Lancaster, Ironfounders and Machinists, for an invention for—"Improvements in machinery or apparatus for plaiting or folding woven fabrics."— <i>Letters Patent sealed.</i>
DUNCOMBE. 13th June 1861.	1523. THE HONORABLE CECIL DUNCOMBE, of Camelford House, Hereford Street, Park Lane, in the County of Middlesex, for an invention for—"Improvements in machinery for sawing wood and other substances." <i>Letters Patent sealed.</i>
BLACKBURN. 13th June 1861.	1524. BEWICKE BLACKBURN, of 1, York Buildings, Adelphi, in the County of Middlesex, for an invention for—"Improvements in applying oil or lubricating fluid to locomotive and other axletrees." <i>Letters Patent sealed.</i>
DOWNING. 13th June 1861.	1525. THOMAS MARSHALL DOWNING, Mechanical Engineer, of Handsworth, in the County of Stafford, for an invention for—"Certain improvements in the manufacture of corks and bungs." <i>Letters Patent sealed.</i>
BAYLISS. 13th June 1861.	1526. WILLIAM BAYLISS, of the firm of W. and M. Bayliss & Co., Flat and Chain Cable and Iron Hurdle and Fencing Manufacturers, of Monmore Green, Wolverhampton, in the County of Stafford, for an invention for—"Certain improvements in chain-harrows for harrowing land." <i>Letters Patent sealed.</i>
THOMAS. 14th June 1861.	1527. WILLIAM CAVE THOMAS, of No. 6, Wells Street, Oxford Street, in the County of Middlesex, Gentleman, for an invention for—"Improvements in metal casing or armour for the defence of ships and batteries." <i>Provisional protection only.</i>
SUMMERSCALES. MASON. 14th June 1861.	1528. JOHN SUMMERSCALES, of Keighley, in the County of York, Machine Maker, and MARK MASON, of Manchester, in the County of Lancaster, Engineer, for an invention for—"Improvements in gas singeing apparatus." <i>Letters Patent sealed.</i>
LEEMING. 14th June 1861.	1529. JAMES LEEMING, of Manchester, in the County of Lancaster, Worsted Spinner, for an invention for—"Improvements applicable to steam-boilers, furnaces, and flues." <i>Provisional protection only.</i>
JOHNSON. 14th June 1861.	1530. ALBERT FRANCIS JOHNSON, of Boston, of the State of Massachusetts, of the United States of America, for an invention for—"Certain new and useful improvements in machinery for sewing cloth or other material." <i>Complete specification; Letters Patent sealed.</i>
LANGLADE. 14th June 1861.	1531. PIERRE LANGLADE, residing at Aubusson (Creuse), for an invention for—"Improvements in the manufacture of tapestry and other weavings." <i>Letters Patent sealed.</i>
WEDLAKE. 14th June 1861.	1532. THOMAS WILLIAM WEDLAKE, of the firm of Wedlake and Dendy, of Hornchurch, in the County of Essex, Agricultural Implement Makers, for an invention for—"Improvements in hay-making machines." <i>Letters Patent sealed.</i>
LEACH. 14th June 1861.	1533. GEORGE LEACH, of Britannia Mills, Leeds, in the County of York, Cloth Manufacturer, for an invention for—"Improvements in implements for tilling and cultivating the soil, and in boilers for supplying steam to engines for driving the same, which latter improvements are applicable to boilers generally and especially to boilers of traction engines." <i>Letters Patent sealed.</i>
KENNARD. 15th June 1861.	1534. HOWARD JOHN KENNARD, 36, Great George Street, Westminster, for an invention for—"Improvements in apparatus for excavating sand and gravel under water." <i>Letters Patent sealed.</i>
PITFIELD. 15th June 1861.	1535. ROBERT WALKER PITFIELD, of Bolton, in the County of Lancaster, Foreman, for an invention for—"Certain improvements in self acting mules for spinning cotton and other fibrous substances." <i>Letters Patent sealed.</i>

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| KNOWLES.
ALDRED.
HAWORTH.
15th June 1861. | 1536. THOMAS KNOWLES, Machinist, PETER ALDRED, Licensed Victualler, of the City of Manchester, in the County of Lancaster, and JOHN HAWORTH, of Salford, in the said County, Engraver, for an invention for—"Improvements in machinery or apparatus for raising serrated surfaces on rollers."
<i>Provisional protection only.</i> |
| BARNWELL.
15th June 1861. | 1537. STEPHEN BARNWELL, junior, of Coventry, in the County of Warwick, Manufacturer, for an invention for—"An improvement or improvements in the manufacture of upholsterers' fringes."
<i>Provisional protection only.</i> |
| GRANT.
15th June 1861. | 1538. STEPHEN GRANT, of St. James's Street, in the City of Westminster, Gunmaker, for an invention for—"Improvements in breech loading fire-arms and fowling pieces."
<i>Letters Patent sealed.</i> |
| POTTS.
15th June 1861. | 1539. FERDINAND POTTS, Tube Manufacturer, of Lombard Street, Birmingham, in the County of Warwick, for an invention for—"Certain improvements in the manufacture of metallic posts for supporting telegraph wires, and which said improvements are also applicable for other purposes."
<i>Letters Patent sealed.</i> |
| SMITH.
15th June 1861. | 1540. WILLIAM SMITH, of Little Woolstone, in the County of Bucks, for an invention for—"Improvements in machinery for giving motion to ploughs, cultivators and other agricultural implements."
<i>Provisional protection only.</i> |
| PAGE.
15th June 1861. | 1541. THOMAS PAGE, of Middle Scotland Yard, Westminster, in the County of Middlesex, Civil Engineer, for an invention for—"Means and apparatus for facilitating the working and discharge of ordnance placed below the water level."
<i>Letters Patent sealed.</i> |
| SIMPSON.
17th June 1861. | 1542. HORTENSIVS COATES SIMPSON, of Shrewsbury, in the County of Salop, General Merchant, for an invention for—"A new or improved vehicle or car."
<i>Letters Patent sealed.</i> |
| GRAY.
17th June 1861. | 1543. THOMAS GRAY, of No. 19, Hill's Cottages, Union Road, Wandsworth, in the County of Surrey, Manufacturer of materials for making paper, for an invention for—"An improved method of bleaching colored rags and vegetable fibres."
<i>Letters Patent sealed.</i> |
| SMYTH.
17th June 1861. | 1544. SAMUEL RICHARD SMYTH, of Dover, in the County of Kent, for an invention for—"A new or improved steam-boiler."
<i>Provisional protection only.</i> |
| WHITE.
17th June 1861. | 1545. DAVID BLAIR WHITE, of the Town and county of the town of Newcastle-upon-Tyne, Doctor of Medicine, for an invention for—"Improvements in plummets and gauges for indicating the depth and the height or level of liquids."
<i>Letters Patent sealed.</i> |
| LEWIS.
17th June 1861. | 1546. JOSEPH LEWIS, of 51, High Street, Bloomsbury, in the County of Middlesex, Engineer and Machinist, for an invention for—"Improved machinery for cutting and boring wood and other substances."
<i>Letters Patent sealed.</i> |
| MELLODEW.
KESSELMAYER.
WORRALL.
17th June 1861. | 1547. THOMAS MELLODEW, of Oldham, in the County of Lancaster, Manufacturer, CHARLES WILLIAM KESSELMAYER, of Manchester, in the said County, Warehouseman, and JOHN MAYO WORRALL, of Salford, in the said County, Dyer, for an invention for—"Improvements in dyeing and printing velvets, velveteens and other fabrics with floated threads."
<i>Letters Patent sealed.</i> |
| ROUTLEDGE.
17th June 1861. | 1548. THOMAS ROUTLEDGE, of Eynsham Mills, near Oxford, for an invention for—"Improvements in the manufacture of paper."
<i>Letters Patent sealed.</i> |
| CLARK.
17th June 1861. | 1549. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in the manufacture of letters, designs and other articles of mica variously colored or metallized."— <i>A communication to him from abroad by Messrs Thomas Lamie-Murray & Holthausen, Brothers, both of 29, Boulevard St. Martin, Paris, Merchants.</i>
<i>Letters Patent sealed.</i> |
| CLARK.
17th June 1861. | 1550. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in batteries and in breech loading ordnance and projectiles for the same."— <i>A communication to him from abroad by M. Mathieu Castay, of 29, Boulevard St. Martin, Paris, Priest, and Baron Henri de Rivière, Member of the Council General, Department of the Gard, both in the Empire of France.</i>
<i>Provisional protection only.</i> |

PERRY. 17th June 1861.	1551. JOHN PERRY, of Earle Street East, Marylebone, in the County of Middlesex, Wood & Ivory Turner, for an invention for—"Improvements in washing-machines." <i>Letters Patent sealed.</i>
TODD. TODD. 17th June 1861.	1552. WILLIAM and JACOB TODD, of Heywood, in the County of Lancaster, Spinners and Manufacturers, for an invention for—"Certain improvements in power looms for weaving." <i>Letters Patent sealed.</i>
DE NORMANDY. 18th June 1861.	1553. ALPHONSE RENÉ LE MIRE DE NORMANDY, of Odin Lodge, King's Road, Clapham Park, Surrey, Analytical Chemist, for an invention for—"Improvements in refrigerating the fresh water produced by condensing steam." <i>Letters Patent sealed.</i>
BANKS. 18th June 1861.	1554. JAMES BANKS, of Salisbury Street, Adelphi, Electric Engineer, for an invention for—"Improvements in electro-magnetic telegraph printing apparatus or marking instruments." <i>Provisional protection only.</i>
MILLER. SKINNER. 18th June 1861.	1555. JAMES MILLER, of Greenwich, in the County of Kent, Gentleman, and HENRY EDWARD SKINNER, of Wapping Wall, Shadwell, in the County of Middlesex, Engineer, for an invention for—"Improvements in rotary engines." <i>Letters Patent sealed.</i>
ZIFFER. 18th June 1861.	1556. FERDINAND ZIFFER, of Vienna, in the Empire of Austria, Engineer, for an invention for—"Certain improvements in carding-engines for carding cotton and other fibrous substances." <i>Letters Patent sealed.</i>
WALKER. 18th June 1861.	1557. ROBERT WALKER, of Glasgow, in the County of Lanark, North Britain, Merchant, for an invention for—"Improvements in propelling vessels." <i>Letters Patent sealed.</i>
FELL. 18th June 1861.	1558. RICHARD FELL, of No. 9A, Great Saint Helen's, in the City of London, Engineer, for an invention for—"Improvements in obtaining motive-power and in apparatus employed therein." <i>Provisional protection only.</i>
TAYLOR. 18th June 1861.	1559. WILLIAM BROWN TAYLOR, of Balmes Road, London, N., for an invention for—"Improvements in heating by means of lamps and in imparting heat to vessels and their contents, also applicable to cooking and to other purposes." <i>Provisional protection only.</i>
FLEMING. 18th June 1861.	1560. WILLIAM FLEMING, of Edinburgh, in the County of Mid-Lothian, Snuff Miller, for an invention for—"Improvements in machinery or apparatus for manufacturing snuff." <i>Letters Patent sealed.</i>
SHARP. 18th June 1861.	1561. STEPHEN SHARP, Engineer, of Birmingham, in the County of Warwick, for an invention for—"Certain improvements in printing-machines, and in apparatus for taking off and delivering the sheets when printed, and which said apparatus is applicable to printing-machines now in use." <i>Provisional protection only.</i>
GIBSON. 18th June 1861.	1562. ANDREW WHITE GIBSON, of Belfast, in the County of Antrim, Miller, for an invention for—"Improvements in mills for the manufacture of barley and rice." <i>Letters Patent sealed.</i>
DUNN. 18th June 1861.	1563. JAMES DUNN, of Preston, in the County Palatine of Lancaster, Book Keeper, for an invention for—"Improvements in machinery or apparatus for slubbing, roving, spinning, twisting and doubling cotton and other fibrous substances." <i>Letters Patent sealed.</i>
LIMBERT. 18th June 1861.	1564. JAMES ALFRED LIMBERT, of Woodville Terrace, Gravesend, in the County of Kent, Engineer R.N., for an invention for—"Improvements in mounting and fitting ships guns and other ordnance." <i>Provisional protection only.</i>
NEWTON. 18th June 1861.	1565. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improved apparatus for transmitting motion."— <i>A communication to him from abroad by William Sellers & Coleman Sellers, of Philadelphia, in the United States of America.</i> <i>Letters Patent sealed.</i>
M'KAY. 18th June 1861.	1566. MURDOCH M'KAY, of Birmingham, in the County of Warwick, Chemist, for an invention for—"An improvement or improvements in the manufacture of cements or adhesive solutions for joining or connecting together surfaces or articles of leather, wood, paper or other similar materials." <i>Letters Patent sealed.</i>

NEWTON. 18th June 1861.	1567. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in electro-magnetic engines."— <i>A communication to him from abroad by George Beardslee, of Long Island, in the State of New York, and United States of America.</i> <i>Letters Patent sealed.</i>
WEBB. CRAIG. 18th June 1861.	1568. THOMAS WEBB, and JAMES CRAIG, of Tutbury, in the County of Stafford, Cotton Spinners, for an invention for—"Improvements in machinery or apparatus for spinning, doubling and winding cotton and other fibrous materials." <i>Letters Patent sealed; no specification filed.</i>
KIRBY. 18th June 1861.	1569. JOSEPH EDWARD KIRBY, of Banbury, Oxon, Engineer, for an invention for—"Improvements in steam-engines and machinery for giving motion to agricultural implements and other machines." <i>Provisional protection only.</i>
DIXON. 18th June 1861.	1570. JOHN DIXON, of Gallowgate Works, Newcastle-on-Tyne, for an invention for—"Improvements in waterclosets and cocks used therewith." <i>Letters Patent sealed.</i>
JOPLING. 18th June 1861.	1571. THOMAS TAYLORSON JOPLING, of Sunderland, for an invention for—"Improvements in machinery for the manufacture of bolts, spikes, screw blanks and rivets." <i>Letters Patent sealed.</i>
LOUCH. 19th June 1861.	1572. JOHN LOUCH, of 69, Fenchurch Street, London, Engineer, for an invention for—"Improvements in furnaces, boilers and condensers of steam-engines, part of such improvements being applicable to other purposes." <i>Provisional protection only.</i>
BUTLER. 19th June 1861.	1573. CHARLES EDWARD BUTLER, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"An improvement or improvements in the manufacture of riddles or sieves." <i>Provisional protection only.</i>
CLARK. 19th June 1861.	1574. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in umbrellas & parasols."— <i>A communication to him from abroad by Pierre Allamagny, of 29, Boulevard St. Martin, Paris, in the Empire of France, School Master.</i> <i>Letters Patent sealed.</i>
FISKEN. 19th June 1861.	1575. JAMES FISKEN, of 17, Wharf-road, City Road, County of Middlesex, for an invention for—"Glazing or calendering by steam, horse, or water power textile fabrics which have been worn, made up for use, or sewn together." <i>Provisional protection only.</i>
SCHÄFER. SCHÄFER. 19th June 1861.	1576. PHILIPP SCHÄFER, & FREDERICK SCHÄFER, of Golden Square, in the County of Middlesex, Travelling Bag Manufacturers, for an invention for—"Improvements in travelling bags or cases." <i>Provisional protection only.</i>
PRADEL. 19th June 1861.	1577. PETER PRADEL, of Paris, France, and of 4, South Street, Finsbury, London, Civil Engineer, for an invention for—"An improved clasp or fastener." <i>Letters Patent sealed.</i>
FAULDING. 19th June 1861.	1578. JOSEPH FAULDING, of 340, Euston Road, N.W., for an invention for—"Improvements in locomotive engines." <i>Letters Patent sealed.</i>
BOUSFIELD. 19th June 1861.	1579. GEORGE TOMLINSON BOUSFIELD, of Loughborough Park, Brixton, in the County of Surrey, for an invention for—"Improvements in brakes for railroad cars."— <i>A communication to him from abroad by Conrad B. Lashar, of New York, in the United States of America.</i> <i>Letters Patent sealed.</i>
WILLIAMS. 19th June 1861.	1580. JOHN FISHER WILLIAMS, of 10, Queen Square, St. George the Martyr, in the County of Middlesex, for an invention for—"Improvements in compounds of india-rubber and gutta-percha with other substances." <i>Letters Patent sealed.</i>
HARRIS. 19th June 1861.	1581. WILLIAM JAMES HARRIS, of Liverpool, for an invention for—"Improvements in dry gas meters."— <i>A communication to him from abroad by Joseph A. Sabbaton, of New York, in the United States of America.</i> <i>Letters Patent sealed.</i>
CULLEN. 19th June 1861.	1582. JOHN CULLEN, of the North London Railway, Bow, in the County of Middlesex, for an invention for—"Improvements in preserving wood and iron." <i>Letters Patent sealed.</i>
HANNART. 20th June 1861.	1583. LOUIS HANNART, of Brussels, in the Kingdom of Belgium, Manufacturer, for an invention for—"An improvement in the manufacture of gloves." <i>Letters Patent sealed.</i>

FLETCHER. FULLER. 20th June 1861.	1584. JAMES FLETCHER, and JOHN WILLIAM FULLER, both of the Firm of Messieurs William Collier and Company, of Salford, in the County of Lancaster, Engineers and Tool Makers, for an invention for—"Certain improvements in machines for planing, boring and turning." <i>Letters Patent sealed.</i>
STEVENS. 20th June 1861.	1585. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in spiral springs."— <i>A communication to him from abroad by Adolphe Loncq, of 42, rue Laffitte, Paris, in the Empire of France.</i> <i>Provisional protection only.</i>
DE MENONVILLE. 20th June 1861.	1586. MICHEL FRANCOIS ANTOINE THIBAUT DE MENONVILLE, of Numero 42, rue Laffitte, Paris, in the Empire of France, Manufacturer, for an invention for—"Improvements in apparatus for ventilating furnaces, drying rooms, stables, kitchens and other places." <i>Letters Patent sealed.</i>
LAWFORD. 20th June 1861.	1587. HENRY LAWFORD, of 31, Berners Street, in the County of Middlesex, for an invention for—"Improvements in folding chairs, folding beds, folding arm chair beds, folding couch beds and other articles for sitting, reclining and lying upon." <i>Letters Patent sealed.</i>
STEVENS. 20th June 1861.	1588. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in smoke consuming furnaces."— <i>A communication to him from abroad by Antoine Léonide Lacroix, of 42, rue Laffitte, Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
GEDGE. 20th June 1861.	1589. WILLIAM EDWARD GEDGE, of the firm of John Gedge and Son, of N ^o . 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"Improved means or apparatus for drying, sifting and cleansing grain and other agricultural produce."— <i>A communication to him from abroad by Antoine Auguste Dubard-Dutarbre, of Dijon, France, Corn Dealer.</i> <i>Letters Patent sealed.</i>
LESUEUR. 20th June 1861.	1590. ANTOINE NICOLAS LESUEUR, Manufacturer of Ceramic products, in Paris, Empire of France, N ^o . 78, Boulevard des Amandiers, for an invention for—"Improvements in the manufacture of pannels of ceramic or pottery ware." <i>Letters Patent sealed.</i>
BROOMAN. 20th June 1861.	1591. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in piano-fortes, parts of which improvements are applicable to other musical instruments and to apparatuses worked by pedals."— <i>A communication to him from abroad by Jean Léandre Clément, of Rochefort, France.</i> <i>Letters Patent sealed.</i>
HODGSON. 20th June 1861.	1592. CHARLES HODGSON, of Ballard Rathdrum, in the County of Wicklow, Esquire, for an invention for—"Improvements in the manufacture of fuel from peat and in apparatus employed therein, parts of which are applicable to the moulding of bricks, tiles and other like materials." <i>Letters Patent sealed.</i>
HODGSON. 20th June 1861.	1593. CHARLES HODGSON, of Ballard Rathdrum, in the County of Wicklow, Esquire, for an invention for—"An improved method of partially drying peat before removing the same from the bog." <i>Letters Patent sealed.</i>
BARTHOLF. 20th June 1861.	1594. JOHN HENRY BARTHOLF, of New Oxford Street, in the County of Middlesex, for an invention for—"Improvements in the construction of children's nursery chairs and in apparatus for use in combination with the same."— <i>A communication to him from abroad by George Boss Hartson, of New York, in the United States of America.</i> <i>Provisional protection only.</i>
MARSILY. 20th June 1861.	1595. WILLIAM EDOUARD MARSILY, of Antwerp, Merchant, for an invention for—"Improvements in velocipedes." <i>Provisional protection only.</i>
TURNER. 21st June 1861.	1596. GEORGE TURNER, of Rose Terrace, Brompton, in the County of Middlesex, for an invention for—"Improvements in apparatus for beating eggs and for mixing or agitating other fluids, compounds or matters." <i>Provisional protection only.</i>
WRIGHT. 21st June 1861.	1597. JOHN SKIRROW WRIGHT, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"Improvements in reels or spools." <i>Provisional protection only.</i>
HANNAN. HAMILTON. 21st June 1861.	1598. JOHN HANNAN, Indicator Maker, and JOHN HAMILTON, Engineer, both of Glasgow, in the County of Lanark, North Britain, for an invention for—"Improvements in indicators such as are used for ascertaining the power developed by steam-engines." <i>Provisional protection only.</i>

HARDING. 21st June 1861.	1599. THOMAS RICHARDS HARDING, of Leeds, in the County of York, Machinist, for an invention for—"Improvements in the pointing of steel or other wire for teeth of cards, and in setting and fixing such or similar teeth into sheets or fillets, which improvements are applicable to the pins for hackles and gills, and in part to the pointing of needles." <i>Letters Patent sealed.</i>
HENSON. 21st June 1861.	1600. WILLIAM FREDERICK HENSON, of No. 15, New Cavendish Street, Portland Place, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in the manufacture of floor cloth and in the means of ornamenting the same." <i>Letters Patent sealed.</i>
HOBSON. 21st June 1861.	1601. WILLIAM HOBSON, of Ellesmere Road, Sheffield, in the County of York, Engineer, for an invention for—"Improvements in steam hammers." <i>Letters Patent sealed.</i>
HOBSON. CAVILL. 21st June 1861.	1602. WILLIAM HOBSON, Engineer, and THOMAS CAVILL, Millwright, both of Sheffield, in the County of York, for an invention for—"An improved piston." <i>Letters Patent sealed.</i>
JOHNSON. 21st June 1861.	1603. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in the reproduction of forms of objects, applicable to the production of printing-surfaces."— <i>A communication to him from abroad by Louis Kessler, of Paris, in the Empire of France, Chemist, and Joseph Alfred Xavier Michiels, also of Paris, in the Empire of France, Gentleman.</i> <i>Letters Patent sealed.</i>
LE HARIVEL. 22nd June 1861.	1604. AUGUSTE LUCIEN LE HARIVEL, Professor of Languages, 33, Tufnell Park Road, Upper Holloway, in the County of Middlesex, for an invention for—"Improvements in the manufacture of paper, papier mâché, cardboard and other similar articles." <i>Letters Patent sealed.</i>
SAPIA. 22nd June 1861.	1605. PIERRE HENRY ANTOINE CONSTANTIN SAPIA, of Paris, France, Officer of the Frency Army, for an invention for—"Improvements in instruments for measuring angles and distances." <i>Provisional protection only.</i>
CHURCH. 22nd June 1861.	1606. JABEZ CHURCH, of Upper Kennington Lane, Vauxhall, in the County of Surry, for an invention for—"An improved stand or rest for piano-fortes or other musical instruments." <i>Letters Patent sealed.</i>
JOHNSON. 22nd June 1861.	1607. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in the manufacture of floor tiles and paving blocks."— <i>A communication to him from abroad by Sylvain Tolijon, of Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
COMRIE. 22nd June 1861.	1608. JAMES COMRIE, of Stirling, in the County of Stirling, North Britain, Gentleman, for an invention for—"Improvements in churns." <i>Letters Patent sealed.</i>
ORMEROD. 22nd June 1861.	1609. ROBERT ORMEROD, of Manchester, in the County of Lancaster, Calico Printer, for an invention for—"Certain improvements in the manufacture of ornamental or fancy ribbons and in the machinery or apparatus connected therewith." <i>Letters Patent sealed.</i>
RUSSELL. 22nd June 1861.	1610. ROBERT RUSSELL, Brass founder, of Sheffield, in the County of York, for an invention for—"An improved valve to regulate the passage of fluids." <i>Provisional protection only.</i>
McARDLE. 22nd June 1861.	1611. JAMES SMITH McARDLE, of Galway, Ireland, Manufacturing Chemist, for an invention for—"Improvements in the treatment of sea weeds for the purpose of obtaining therefrom certain valuable products." <i>Letters Patent sealed.</i>
COLE. COLE. 22nd June 1861.	1612. JOHN COLE, and JOSEPH COLE, both of Coventry, in the County of Warwick, Watchmakers, for an invention for—"An improvement in the construction of watches." <i>Provisional protection not granted.</i>
DANCE. 24th June 1861.	1613. ENOCH DANCE, of the firm of Abbatt and Dance, of Bolton, in the County of Lancaster, Manufacturers, for an invention for—"A new or improved crinoline fastener." <i>Letters Patent sealed.</i>
MOORE. 24th June 1861.	1614. ROBERT MOORE, of Cannon Street West, in the City of London, Naval Architect, for an invention for—"Improvements in the construction, steering and propelling of ships and other floating bodies, and appliances adapted thereto." <i>Letters Patent sealed; no specification filed.</i>

FERRABEE. 24th June 1861.	1615. JAMES FERRABEE, of the Phoenix Iron Works, Stroud, in the County of Gloucester, Engineer, for an invention for—"Improvements in machines for fulling woollen and other fabrics, and in the method of driving the same." <i>Letters Patent sealed.</i>
HOWSON. 24th June 1861.	1616. RICHARD HOWSON, of Middlesbro'-on-Tees, in the County of York, Engineer, for an invention for—"Improvements in barometers." <i>Letters Patent sealed.</i>
BARLOW. 25th June 1861.	1617. HENRY BERNOULLI BARLOW, of the City of Manchester, Patent Agent, for an invention for—"Improvements in knitting-machinery."— <i>A communication to him from abroad by Nicolas Berthelot, of Paris, in the Empire of France, Machine maker.</i> <i>Letters Patent sealed.</i>
GEDGE. 25th June 1861.	1618. WILLIAM EDWARD GEDGE, of the firm of John Gedge and Son, of No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"Improved means or apparatus for doubling and twisting the threads of any textile matter with any material susceptible of being carded or combed."— <i>A communication to him from abroad by Joseph Seraphin Mansion, of No. 15, Passage des Petites Ecuries, Paris, France, Spinner.</i> <i>Provisional protection only.</i>
LAFON. 25th June 1861.	1619. JULES LAFON, of Bordeaux, in the Department of the Gironde, in the Empire of France, Lithographer, for an invention for—"Improvements in the production of chromo-lithographic impressions upon glass, porcelain and other similar material." <i>Letters Patent sealed.</i>
PIERRE. 25th June 1861.	1620. LOUIS PIERRE, of Niort, in the Department of Deux Sèvres, in the Empire of France, Locksmith, for an invention for—"Improvements in the construction of iron windows or casemates." <i>Provisional protection only.</i>
CLARK. 25th June 1861.	1621. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in apparatus for propelling vessels."— <i>A communication to him from abroad by Mr. Paolo de Scalzi, of 29 Boulevard St. Martin, Paris, and of Genoa, Sardinia, Engineer.</i> <i>Letters Patent sealed.</i>
BROWN. 25th June 1861.	1622. JAMES BROWN, of Newport, in the County of Monmouth, Iron Master, for an invention for—"An improvement in the manufacture of iron." <i>Provisional protection only.</i>
WARREN. 25th June 1861.	1623. FREDERICK WARREN, of Birmingham, Mechanical Engineer, for an invention for—"Improvements in the machine used for cleaning cotton, and commonly called churka or roller gin." <i>Provisional protection only.</i>
STEVENS. 25th June 1861.	1624. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"An improved noseband for stopping run-away horses."— <i>A communication to him from abroad by Louis Marque, of 42, Rue Laffitte, Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
STEVENS. 25th June 1861.	1625. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"An improved brick making machine."— <i>A communication to him from abroad by Louis Frédéric François David, of 42, Rue Laffitte Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
SACRÉ. 25th June 1861.	1626. AUGUSTUS SACRÉ, of Brussels, in the Kingdom of Belgium, Engineer, for an invention for—"Improvements in machinery for preparing and spinning flax or other fibrous matters." <i>Letters Patent sealed.</i>
BROWN. 25th June 1861.	1627. JOHN BROWN, of 12, Upper King Street, Norwich, Architect and Surveyor, for an invention for—"Improvements in window frames and blinds." <i>Provisional protection only.</i>
FOWLER. 25th June 1861.	1628. JOHN FOWLER, junr, of Leeds, in the County of York, Engineer, for an invention for—"Improvements in machines for ploughing or tilling land by steam power." <i>Letters Patent sealed.</i>
WENTON. 26th June 1861.	1629. STEPHEN WENTON, of Lower Rosoman Street, Clerkenwell, in the County of Middlesex, for an invention for—"Improvements in ventilating apparatus." <i>Letters Patent sealed.</i>
HOLLAND. 26th June 1861.	1630. WILLIAM HOLLAND, of Warwick, Decorater, for an invention for—"An improvement or improvements in suspending and raising and lowering window sashes." <i>Letters Patent sealed.</i>

- REDFERN.
26th June 1861. 1631. JOHN REDFERN, of Hanley, in the County of Stafford, for an invention for—"Improved apparatus for raising the temperature of air, in order to warm churches, conservatories, houses and other buildings or places."
Provisional protection only.
- LINGARD.
26th June 1861. 1632. EDWARD ABBOTTS LINGARD, of Birmingham, in the County of Warwick, Jeweller, for an invention for—"Improvements in fastenings for jewellery or other articles."
Provisional protection only.
- MENNONS.
26th June 1861. 1633. MARC ANTOINE FRANÇOIS MENNON, of the British and Foreign Patent Offices, 39, Rue de l'Exchiquier, Paris, in the Empire of France, for an invention for—"A new or improved construction of caloric engines."—*A communication from Nicolas de Telescheff (Captain of Artillery), a person resident at Tver, in the Empire of Russia.*
Letters Patent sealed.
- TUSSAUD.
TUSSAUD.
26th June 1861. 1634. JOSEPH RANDALL TUSSAUD, and FRANCIS CURTIUS TUSSAUD, of Marylebone Road, in the County of Middlesex, for an invention for—"Improvements in obtaining the separation of feathers, hair or other covering from the skins of animals, and in securing such in position when separated."
Letters Patent sealed.
- FLETCHER.
26th June 1861. 1635. HENRY ALLASON FLETCHER, of Whitehaven, in the County of Cumberland, Engineer, for an invention for—"Improvements in railway wheels and tyres."
Provisional protection only.
- COULTER.
26th June 1861. 1636. HENRY COULTER, of Philadelphia, in the United States of America, for an invention for—"Improvements in lamps specially intended to burn oils and other inflammable fluids rich in carbon."
Provisional protection only.
- HIGGINS.
WHITWORTH.
26th June 1861. 1637. JAMES HIGGINS, of Salford, in the County of Lancaster, Machine Maker, and THOMAS SCHOFIELD WHITWORTH, of the same place, Manager, for an invention for—"Improvements in machinery or apparatus for spinning and doubling cotton and other fibrous materials."
Letters Patent sealed.
- BELL.
26th June 1861. 1638. SAMUEL ALEXANDER BELL, of Epping Villas, Stratford, in the County of Essex, Gentleman, for an invention for—"Improved machinery or apparatus for arranging and securing splints, tapers or matches in frames preparatory to dipping."
Letters Patent sealed; no specification filed.
- LION.
26th June 1861. 1639. AUGUSTE LION, of 51, Rue de Malte, Paris, in the Empire of France, for an invention for—"Certain improvements in the fastening of bracelets."
Letters Patent sealed.
- COWAN.
26th June 1861. 1640. JOHN COWAN, of the firm of L. Cowan and Sons, of Barnes, in the County of Surrey, Animal Charcoal Manufacturers, for an invention for—"Improvements in apparatus for re-burning animal charcoal."
Letters Patent sealed.
- GRIMALDI.
27th June 1861. 1641. DOCTOR FILIPPO GRIMALDI, of Teramo, in the Kingdom of Italy, but now residing at 60, Trinity Square, Borough, S.E., in London, for an invention for—"Improvements in rotatory steam-boilers."
Provisional protection only.
- MENNONS.
27th June 1861. 1642. MARC ANTOINE FRANÇOIS MENNON, of the British and Foreign Patent Offices, 39, Rue de l'Exchiquier, Paris, in the Empire of France, for an invention for—"Improvements in cocks or taps for drawing off liquids and in gauging apparatus connected therewith."—*A communication from Messrs. Auguste Terré and Etienne Morelle, persons resident at Versailles (France).*
Provisional protection only.
- M'NAUGHT.
27th June 1861. 1643. WILLIAM M'NAUGHT, of Manchester, in the County of Lancaster, Engineer, for an invention for—"An improved method of supporting diagonal condensing and other steam-engines."
Letters Patent sealed.
- COULTER.
27th June 1861. 1644. HENRY COULTER, of Philadelphia, in the United States of America, for an invention for—"Improvements in door springs."—*A communication to him from abroad by John Oliver Blythe, of German Town, Philadelphia, in the United States of America.*
Provisional protection only.
- HAMER.
27th June 1861. 1645. HENRY HAMER, of Horsforth, near Leeds, in the County of York, Paper Manufacturer, for an invention for—"Improvements in chimney tops and ventilators."
Letters Patent sealed.
- SMART.
AITCHISON.
27th June 1861. 1646. JOHN CASS SMART, Doctor of Medicine, and ADAM AITCHISON, both of Scarborough, in the County of York, for an invention for—"Improvements in the manufacture of charcoal."
Letters Patent sealed.

DOUGHTY. 27th June 1861.	1647. JOHN DOUGHTY, of Craven Buildings, Drury Lane, in the County of Middlesex, for an invention for—"An improved apparatus for obtaining and applying motive-power." <i>Provisional protection only.</i>
HENRY. 27th June 1861.	1648. MICHEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in the construction of a certain description of castor and in apparatus for manufacturing certain parts of such castors, which apparatus may also be applied for producing rounded bodies for other purposes."— <i>A communication to him from abroad by Jean Baptiste Germain Clergeau of 33, Boulevard Saint Martin, Paris, France.</i> <i>Letters Patent sealed</i>
GIBSON. 28th June 1861.	1649. JAMES GIBSON, of Todmorden, in the County of York, Tailor, for an invention for—"Certain improvements in or applicable to sewing-machines." <i>Provisional protection only.</i>
SWINNERTON. 28th June 1861.	1650. THOMAS SWINNERTON, of Dudley Port, Tipton, in the County of Stafford, Blast Furnace Manager, for an invention for—"A new or improved manufacture of coal gas by the surplus or waste heat of the blast ovens and puddling furnaces used in the manufacture of iron." <i>Letters Patent sealed.</i>
FORD. 28th June 1861.	1651. ALFRED FORD, Surgeon, of Suthrey House, Mortlake, Surrey, for an invention for—"Improvements in the manufacture of waterproof felt." <i>Provisional protection only.</i>
HARLAND. 28th June 1861.	1652. JOHN WHITFIELD HARLAND, of Chorlton-on-Medlock, near the City of Manchester, Artist and Engraver on Wood, for an invention for—"An improvement or improvements in the manufacture of wood and other types or substitutes therefor, and also in the matrix or apparatus for producing the same." <i>Provisional protection only.</i>
GRAHAM. 28th June 1861.	1653. JOSHUA WILLIAM GRAHAM, of Manchester, in the County of Lancaster, Stone Mason, for an invention for—"Certain improvements in machinery or apparatus for cutting, shaping and dressing stone or other similar substances." <i>Letters Patent sealed.</i>
ROUSE. 28th June 1861.	1654. HENRY JAMES ROUSE, of Alexandria, Egypt, Civil Engineer, for an invention for—"An improvement in hand lamps." <i>Letters Patent sealed.</i>
WHITE. 28th June 1861.	1655. DAVID BLAIR WHITE, of the Town and County of the Town of Newcastle-upon-Tyne, Doctor of Medicine, for an invention for—"Improvements in the mechanical compression of various substances and in apparatus employed therein." <i>Provisional protection only.</i>
MIDDLETON. WRIGHT. 28th June 1861.	1656. SAMUEL MIDDLETON, Boot Manufacturer, and JOHN WRIGHT, Engineer, both of 42, Bridge Street, Blackfriars, in the City of London, for an invention for—"Improvements in apparatus for the manufacture of boots and shoes." <i>Letters Patent sealed; specification filed by order.</i>
LANE. 28th June 1861.	1657. MICHAEL LANE, of Reading, Civil Engineer, for an invention for—"Improvements in the permanent ways of railways." <i>Letters Patent sealed.</i>
GLASSBOROW. 28th June 1861.	1658. CHARLES GLASSBOROW, of Rheidol Terrace, Islington, in the County of Middlesex, Pianoforte Manufacturer, for an invention for—"Improvements in pianofortes." <i>Provisional protection only.</i>
HAWKINS. 28th June 1861.	1659. JAMES BAILEY HAWKINS, of North Street, Limehouse, in the County of Middlesex, Plumber, for an invention for—"Improvements in the construction of cocks for drawing off liquids and vapours, and for regulating the flow or passage thereof." <i>Provisional protection only.</i>
EAGLE. 29th June 1861.	1660. ROBERT NELSON EAGLE, Captain in the Cavalry of the United States of America, for an invention for—"Improvements in riding stirrups." <i>Provisional protection only.</i>
DYER. 29th June 1861.	1661. JOHN DYER, of the firm of Dyer and Watts, of Islington, in the County of Middlesex, for an invention for—"Improvements in the ornamentation of certain cabinet furniture." <i>Letters Patent sealed.</i>
WOOD. 29th June 1861.	1662. ALFRED WOOD, of Lewes, in the County of Sussex, for an invention for—"Improvements in the construction of fermenting-tuns and apparatus for storing beer." <i>Provisional protection only.</i>

LEOPARD. 29th June 1861.	1663. WILLIAM LEOPARD, of Hurstpierpoint, in the County of Sussex, Corn Merchant, for an invention for—"Improvements in railway brake apparatus." <i>Provisional protection only.</i>
CLARK. 29th June 1861.	1664. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"A new locomotive apparatus having a movement resembling walking."— <i>A communication to him from abroad by Messrs. Thomas Hanlon, George Hanlon, William Hanlon, Alfred Hanlon, Edward Hanlon, & Frederick Hanlon, all of New York, United States of America.</i> <i>Provisional protection only.</i>
CLARK. 29th June 1861.	1665. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in excavating-machinery."— <i>A communication to him from abroad by Messrs. Francis Burgess Scott, James Brayley, & John Beman Pitts, all of the City of Buffalo, in the County of Erie, & State of New York, United States of America.</i> <i>Letters Patent sealed.</i>
CLARK. 29th June 1861.	1666. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in the distillation of solid and liquid combustible matters."— <i>A communication to him from abroad by M. Etienne Charles Zacharie Bouchard, Civil Engineer, of 29, Boulevard St. Martin, Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
BRAGG. 29th June 1861.	1667. ISAAC BRAGG, of Hensingham, Whitehaven, in the County of Cumberland, Agricultural Implement Maker, for an invention for—"An improvement in the construction of reaping and mowing machines." <i>Letters Patent sealed.</i>
NEWTON. 29th June 1861.	1668. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improvements in lapping used in machines for printing textile fabrics, part of which improvements is applicable to driving-bands."— <i>A communication to him from abroad by Seth Baker, of Providence, Rhode Island, United States of America.</i> <i>Letters Patent sealed.</i>
LIVESEY. 29th June 1861.	1669. WILLIAM LIVESEY, of 3, Park Cottages, Park Village East, in the County of Middlesex, for an invention for—"Improvements in wet gas meters." <i>Letters Patent sealed.</i>
DINGWALL. 1st July 1861.	1670. WILLIAM DINGWALL, of Dundee, in the County of Forfar, North Britain, Joiner, for an invention for—"Improvements in fluid meters." <i>Letters Patent sealed.</i>
JOHNSON. 1st July 1861.	1671. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in apparatus for manufacturing and bottling aerated liquids."— <i>A communication to him from abroad by Messieurs Auguste Mondollot and Jean Alphonse Mondollot, frères, of Paris, Merchants and Manufacturers.</i> <i>Letters Patent sealed.</i>
POTTS. COX. 1st July 1861.	1672. FERDINAND POTTS, Tube Manufacturer, of Lombard Street, Birmingham, in the County of Warwick, and RICHARD COX, Managing Engineer to the said Ferdinand Potts, also of Birmingham, aforesaid, for an invention for—"An improved mode of treating tubes used for posts for metallic bedsteads and other purposes, and in the machine for producing the same, and which said machine is also applicable for cutting out and piercing articles of sheet metal such as washers, metallic bucket ears and other such like articles." <i>Letters Patent sealed.</i>
SHEPHERD. GOODFELLOW. 1st July 1861.	1673. JAMES SHEPHERD, and WILLIAM GOODFELLOW, of the City of Manchester, in the County of Lancaster, Engineers, for an invention for—"Improvements in apparatus for carrying off the scum and sediment from the water in steam-boilers." <i>Provisional protection only.</i>
SPENCE. 1st July 1861.	1674. LEWIS HENRY SPENCE, of Hatton Garden, in the County of Middlesex, Merchant, for an invention for—"Improvements in means or apparatus for the manufacture of paper bags or envelopes."— <i>A communication to him from abroad by Augustus Wolle, of Bethlehem, in the State of Pennsylvania, in the United States of America.</i> <i>Letters Patent sealed.</i>
BARBER. 2nd July 1861.	1675. WILLIAM BARBER, of Stockport, for an invention for—"Improvements in the manufacture of hats." <i>Provisional protection only.</i>

HELBRONNER-GERSTLE. 2nd July 1861.	1676. SOPHIA HELBRONNER-GERSTLE, of Paris, France, for an invention for—"Improvements in the manufacture of needle or tapestry work and coloured embroiderings." <i>Letters Patent sealed.</i>
PAIGNON. VAUDAUX. GAGNIÈRE. 2nd July 1861.	1677. JACQUES PHILIPPE EUGÈNE PAIGNON, JOSEPH MARIE VAUDAUX, and GASPARD GAGNIÈRE, all of Paris, France, Gentlemen, for an invention for—"Improvements in jacquard machines with the object of allowing the substitution of endless paper in lieu of the pasteboard pattern cards hitherto used therein, and in machines for perforating the said paper." <i>Letters Patent sealed.</i>
POTTS. 2nd July 1861.	1678. JAMES POTTS, of Flint Street, Old Kent Road, in the County of Surrey, Engineer, for an invention for—"Improvements in machinery for sounding fog bells and other bells." <i>Provisional protection only.</i>
WILSON. 2nd July 1861.	1679. JOSHUA GARSIDE WILSON, of Rastrick, near Halifax, in the County of York, Manufacturer, for an invention for—"Improvements in the means or apparatus employed for feeding steam-boilers with hot water." <i>Letters Patent sealed.</i>
HILL. 2nd July 1861.	1680. ABNER HILL, of Bamford Mills, in the Parish of Hathersage, in the County of Derby, for an invention for—"Improvements in spinning and doubling machinery." <i>Provisional protection only.</i>
BISHOP. 2nd July 1861.	1681. ROBERT HENRY BISHOP, of Leicester Street, Leicester Square, in the County of Middlesex, for an invention for—"Improvements in sewing-machines." <i>Letters Patent sealed.</i>
HENRY. 2nd July 1861.	1682. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in or applicable to piano-fortes and other musical instruments."— <i>A communication to him from abroad by Jean Jules Cauderès, of 33, Boulevard Saint Martin, Paris, France.</i> <i>Provisional protection only.</i>
ADAMS. 2nd July 1861.	1683. SAMUEL ADAMS, of West Bromwich, in the County of Stafford, for an invention for—"Improvements in omnibusses for street railways, part of which is applicable to other carriages." <i>Provisional protection only.</i>
BARLOW. 3rd July 1861.	1684. HENRY BERNOULLI BARLOW, of the City of Manchester, Patent Agent, for an invention for—"Certain improvements in machinery for spinning."— <i>A communication to him from abroad by Messieurs Jules Harmel, Leon Harmel, and Ernest Harmel, of Paris, in the Empire of France, Spinners.</i> <i>Letters Patent sealed.</i>
RICHARDSON. 3rd July 1861.	1685. ROBERT RICHARDSON, of No. 26, Great George Street, Westminster, in the County of Middlesex, Civil Engineer, for an invention for—"An improved railway chair for railways." <i>Provisional protection only.</i>
TERRY. 3rd July 1861.	1686. JOSEPH TERRY, of Birmingham, in the County of Warwick, Brass Founder, for an invention for—"An improvement or improvements in the manufacture of window sash pulleys, side pulleys, screw pulleys and upright pulleys." <i>Letters Patent sealed.</i>
WOOLLATT. 3rd July 1861.	1687. JOSEPH WOOLLATT, of Preston, in the County of Lancaster, Power Loom Weaver, for an invention for—"Improvements in looms."— <i>Provisional protection only.</i>
SIMONTON. 3rd July 1861.	1688. JOHN SIMONTON, of Belfast, in the County of Antrim, Banker's Clerk, and of Ballystockart, in the County of Down, and parish of Comber, for an invention for—"An improved traction engine and apparatus applicable for the cultivation of land." <i>Provisional protection only.</i>
BENNIE. MOFFAT. 3rd July 1861.	1689. JAMES BENNIE, Ironmonger, and WILLIAM MOFFAT, Smith, both of Johnstone, in the County of Renfrew, North Britain, for an invention for—"Improvements in the manufacture of heels, clog irons, horse shoes, chain links, and similar articles, and in apparatus therefor." <i>Provisional protection only.</i>
DAVIES. 3rd July 1861.	1690. GEORGE DAVIES, of No. 1, Serle Street, Lincoln's Inn, in the County of Middlesex, and No. 28, St. Enoch Square, in the City of Glasgow, Civil Engineer and Patent Agent, for an invention for—"Improvements in apparatus for grinding corn and other matters."— <i>A communication to him from abroad by Charles Placide Nézeaux, of Paris, Engineer.</i> <i>Letters Patent sealed.</i>
GILFOY. 3rd July 1861.	1691. CHARLES GILFOY, of the Town and County of the Town of Southampton, for an invention for—"Improved means of resisting and extinguishing fire in buildings or on board ship." <i>Provisional protection only.</i>

JOLLEY. 3rd July 1861.	1692. RICHARD JOLLEY, of 47, St. John Street, Smithfield, in the County of Middlesex, for an invention for—"An improved apparatus for heating, cooling or drying, infusing, extracting or absorbing vapours and gases for manufacturing, medical or domestic purposes, and for preserving liquids and solids alimentary or otherwise." <i>Provisional protection only.</i>
SPENCER. 3rd July 1861.	1693. JOHN FREDERICK SPENCER, of Newcastle-upon-Tyne, Consulting Engineer, for an invention for—"Improvements in steam-engines and the machinery and apparatus connected therewith." <i>Complete specification; Letters Patent sealed.</i>
PETRIE. 3rd July 1861.	1694. JOHN PETRIE, Junior, of Rochdale, in the County of Lancaster, Ironmonger, for an invention for—"Improvements in machinery or apparatus for washing and drying wool, cotton and other fibrous materials requiring similar treatment." <i>Letters Patent sealed.</i>
SPENCE. 3rd July 1861.	1695. PETER SPENCE, of Newton Heath, near Manchester, in the County of Lancaster, Manufacturing Chemist, for an invention for—"Improvements in economizing the manufacture of sulphuric acid and in obtaining copper from ores used in such manufacture." <i>Letters Patent sealed.</i>
GIVRY. 3rd July 1861.	1696. VICTOR CHARLES GIVRY, of Old Bond Street, in the County of Middlesex, Importer, for an invention for—"Improvements in sewing-machines."— <i>A communication to him from abroad by Louis Theodore Givry, of Rue Saint Lazare, Paris.</i> <i>Provisional protection only.</i>
PATTERSON. 4th July 1861.	1697. JOHN PATTERSON, of Beverley, in the County of York, Engineer, for an invention for—"Improvements in machinery for applying the power of horses or other animals to drive mills or other machines." <i>Provisional protection only.</i>
KULL. CASPAR. 4th July 1861.	1698. JOHANN KULL, from Lenzburg, C ^t Aargau, Switzerland, and CHARLES ALBERT CASPAR, of 1, Stanley Terrace, Studley Rd, Stockwell, London, for an invention for—"Level measurements on an entirely new principle, called 'Level Balance.'" <i>Provisional protection not granted.</i>
MILLS. 4th July 1861.	1699. RICHARD MILLS, of Bury, in the County of Lancaster, Machinist, for an invention for—"Improvements in washing, wringing and mangling machines." <i>Provisional protection only.</i>
GALE. KENNEDY. 4th July 1861.	1700. JAMES MORRIS GALE, Civil Engineer, of Glasgow, in the County of Lanark, and THOMAS KENNEDY, Water-Meter Manufacturer, of Kilmarnock, in the County of Ayr, for an invention for—"Improvements in taps or valves." <i>Letters Patent sealed.</i>
LUDFORD. 4th July 1861.	1701. WILLIAM HENRY LUDFORD, of Staveley, in the County of Derby, Manufacturer, for an invention for—"An improvement or improvements in the manufacture of brooms and scrubbing brushes." <i>Letters Patent sealed.</i>
NEWTON. 4th July 1861.	1702. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in engines for obtaining motive-power by the elastic force of steam and air combined, parts of which improvements may be employed for sounding steam whistles."— <i>A communication to him from abroad by Robert Rogers, of Philadelphia, in the United States of America.</i> <i>Letters Patent sealed.</i>
WEBSTER. 4th July 1861.	1703. JOHN WEBSTER, of 64A, Gloucester Street, Pimlico, in the County of Middlesex, for an invention for—"Improvements in compositions used for lubricating railway and other axles." <i>Provisional protection only.</i>
WILSON. TATTERS. 4th July 1861.	1704. THOMAS WILSON, and JAMES GRAHAM TATTERS, of Felling, near Gateshead-on-Tyne, for an invention for—"Improvements in treating tank refuse or soda waste." <i>Provisional protection only.</i>
MENNONS. 4th July 1861.	1705. MARC ANTOINE FRANÇOIS MENNON, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"Improvements in the construction and arrangement of apparatus for the manufacture of ice and for the refrigeration of solid and fluid masses in general."— <i>A communication from Mr. Edouard Blée, a person resident at No. 3, Rue d'Amboise, Paris.</i> <i>Provisional protection only.</i>
SLOPER. 4th July 1861.	1706. BEVAN GEORGE SLOPER, of Hackney, in the County of Middlesex, Civil Engineer, for an invention for—"An improved method of and machinery for amalgamating and for effecting the separation of gold from earthy and other matters containing the same." <i>Provisional protection only.</i>

FOWLER. 5th July 1861.	1707. BENJAMIN FOWLER, the younger, of Liverpool, in the County of Lancaster, Ironfounder, for an invention for—"An improved sewer and sink trap." <i>Provisional protection only.</i>
HUTSON. 5th July 1861.	1708. JOHN HUTSON, of Richmond, in the County of Surrey, for an invention for—"Improvements in cornices, laths and panels for bedsteads and other articles of furniture." <i>Letters Patent sealed.</i>
WILLIAMS. 5th July 1861.	1709. OSMUND WILLIAMS, of Dursley, in the County of Gloucester, for an invention for—"An improved mixture or liquid for extinguishing fire, applicable also for preparing or saturating various kinds of materials and fabrics for the purpose of rendering the same non-inflammable." <i>Letters Patent sealed.</i>
GEDGE. 5th July 1861.	1710. WILLIAM EDWARD GEDGE, of the firm of John Gedge and Son, of No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in obtaining motive-power."— <i>A communication to him from abroad by Monsieur Main-Guillon, of Fontenay-le-Comte, Vendée, in the Empire of France.</i> <i>Provisional protection NOT granted.</i>
DE PRADOU. LECOQ. 5th July 1861.	1711. JULES EMILE MELON DE PRADOU and LOUIS GUSTAVE LECOQ, of 2, Rue Sainte-Appoline, Paris, France, and of 4, South Street, Finsbury, London, for an invention for—"Improvements in apparatus for lighting." <i>Letters Patent sealed.</i>
LAKIN. WAIN. 5th July 1861.	1712. ROBERT LAKIN, of Ardwick, in the County of Lancaster, Machinist, and JOHN WAIN, of the City of Manchester, in the said County of Lancaster, Mechanic, for an invention for—"Improvements in certain machines used in preparing to be spun and in spinning cotton, wool, and other fibrous substances." <i>Letters Patent sealed.</i>
ENGLAND. 5th July 1861.	1713. WILLIAM ENGLAND, of Wollaston Works, near Stourbridge, in the County of Worcester, Implement Manufacturer, for an invention for—"An improvement or improvements in the manufacture of bricks." <i>Provisional protection only.</i>
ROUGHTON. 5th July 1861.	1714. LEWIS ROUGHTON, of Bedford Place, Old Kent Road, in the County of Surrey, Civil Engineer, for an invention for—"Improved apparatus for extinguishing fires." <i>Letters Patent sealed.</i>
DEAN. 6th July 1861.	1715. JOHN DEAN, of Derby, Weaver, for an invention for—"Improvements in machinery or apparatus for propelling vessels." <i>Letters Patent sealed.</i>
BLACK. SPRATT. 6th July 1861.	1716. JAMES ROBERTS BLACK, of 23, Sumner Place, Onslow Square, in the County of Middlesex, M.D., and HENRY WILLIAM SPRATT, of Walbrook Buildings, in the City of London, Architect and Surveyor, for an invention for—"Improvements in the manufacture of boxes, cases, tubes, rings and such like articles, and machinery for the same." <i>Letters Patent sealed.</i>
SMITH. 6th July 1861.	1717. ROBERT ANGUS SMITH, 20, Devonshire St., Manchester, for an invention for—"Improvements in purifying gas." <i>Letters Patent sealed.</i>
WILSON. 6th July 1861.	1718. THOMAS WILSON, of Birmingham, in the County of Warwick, Engineer and Gun Manufacturer, for an invention for—"An improvement or improvements in moveable spanners or screw wrenches." <i>Letters Patent sealed.</i>
REID. 6th July 1861.	1719. JOHN EDWARD REID, of No. 20, Fleming Road, Newington, in the County of Surrey, Surveyor, for an invention for—"A safety window sash fastener and draught excluder." <i>Provisional protection only.</i>
SCHUTT. 6th July 1861.	1720. HERMANN SCHUTT, of Bradford, in the County of York, Yarn Merchant, for an invention for—"Improvements in spinning-frames for spinning wool, cotton, silk or flax and other fibrous material."— <i>A communication to him from abroad by William and Theodor Schmidt, of Altenburg, Saxony.</i> <i>Letters Patent sealed.</i>
SMITH. 6th July 1861.	1721. THOMAS SMITH, of No. 4, Bolton Place, Upper Church Street, Fulham Road, in the County of Middlesex, for an invention for—"Improvements in the construction of bells." <i>Provisional protection only.</i>
PASK. 6th July 1861.	1722. WILLIAM PASK, of Lydney, in the County of Gloucester, Manufacturing Chemist, for an invention for—"Procuring a colouring matter from the refuse of iron stone called colour spert." <i>Letters Patent sealed.</i>
RIDSDALE. 6th July 1861.	1723. JAMES RIDSDALE, of No. 41, Stoke Newington Green, in the County of Middlesex, for an invention for—"Improvements in inkstands, applicable to the stoppers of bottles." <i>Letters Patent sealed.</i>

KEILY.
O'DOHERTY.
6th July 1861.

1724. LOUIS AUGUSTIN KEILY, of 12, Gloucester Terrace, Camden Hill, Kensington, Gentleman, and WILLIAM ARCHDALL O'DOHERTY, of Swan Lane, Upper Thames Street, Manager of the Agricultural Engineers' Company, for an invention for—"A certain improved method of and apparatus for facilitating the process of grass edge cutting or edge cutting in general."

Provisional protection NOT granted.

FARROW.
6th July 1861.

1725. CHARLES FARROW, of the firm of Farrow and Jackson, of 18, Great Tower Street, in the City of London, Machinists, for an invention for—"Improvements in apparatus for affixing or applying capsules to the necks of bottles and other vessels."

Letters Patent sealed.

NOBLE.
6th July 1861.

1726. ALFRED NOBLE, of the City of Bristol, Analytical Chemist, for an invention for—"Improvements in obtaining products from alkali waste and gas lime refuse."

Letters Patent sealed.

HANDCOCK.
6th July 1861.

1727. ELIAS ROBISON HANDCOCK, of No. 23, Norfolk Street, Strand, in the County of Middlesex, Esquire, for an invention for—"Improvements in machinery for obtaining and applying motive-power."

Letters Patent sealed.

TUTILL.
6th July 1861.

1728. GEORGE TUTILL, of No. 83, City Road, in the County of Middlesex, for an invention for—"Improvements in treating materials for the manufacture of banners and flags."

Letters Patent sealed.

SNIDER.
8th July 1861.

1729. JACOB SNIDER, junior, of the United States of America, residing in Paris, No. 13, Rue Gaillon, for an invention for—"A method of utilizing old or smooth bore cannon by strengthening and rifling them so as to render them efficient to fire elongated or cylindro-conoidal projectiles."

Provisional protection only.

WARNER.
CLARK.
8th July 1861.

1730. FREDERICK WARNER, of the Crescent, Jewin Street, and THOMAS CLARK, of Baldwin Street, City Road, for an invention for—"Improvements in apparatus for supplying water to water closets."

Provisional protection only.

HORNSBY.
8th July 1861.

1731. RICHARD HORNSBY, junior, of Spittlegate Iron Works, Grantham, in the County of Lincoln, for an invention for—"Improvements in machinery for washing, wringing, mangling and churning."

Letters Patent sealed.

COBLEY.
8th July 1861.

1732. THOMAS COBLEY, of Meerholz, Electorate of Hesse, Germany, Metallurgist, for an invention for—"An improved process for the manufacture of fluo-silicates and silicates of lead and baryta, and for the application of the same to various purposes in the arts and manufactures."

Letters Patent sealed.

MACNEILL.
9th July 1861.

1733. THOMAS TELFORD MACNEILL, of 23, Cockspur Street, in the County of Middlesex, for an invention for—"Improvements in the construction of barometers and in apparatus for registering the indications of the same."

Letters Patent sealed.

COBLEY.
9th July 1861.

1734. THOMAS COBLEY, of Meerholz, in the Electorate of Hesse, Germany, Metallurgist, for an invention for—"An improved process for the treatment of silicates of metallic and non-metallic bases and other siliceous compounds as slugs, scorise and such like in order to recover the said bases, and also in the production of fluo-silicic and silicic acids."

Letters Patent sealed.

PRIEST.
WOOLNOUGH.
9th July 1861.

1735. ALFRED PRIEST, and WILLIAM WOOLNOUGH, the younger, Agricultural Implement Makers, of Kingston-on-Thames, Surrey, for an invention for—"Improvements in machinery for drilling and hoeing land."

Letters Patent sealed.

PARKINSON.
9th July 1861.

1736. GEORGE SEABORN PARKINSON, of No. 10, Lambton Terrace, Kensington, Middlesex, Gentleman, for an invention for—"Improvements in perforated materials in combination with india-rubber."

Provisional protection only.

PENLEY.
9th July 1861.

1737. EDWIN AARON PENLEY, of Cheltenham, in the County of Gloucester, for an invention for—"Improvements in the construction of drawing-boards."

Provisional protection only.

BARFF.
9th July 1861.

1738. FREDERICK SETTLE BARFF, of the City and County of Dublin, for an invention for—"A new or improved process for the induration and preservation of stone and other analogous absorbent substances or materials, which process is also applicable to the production of artificial stone."

Letters Patent sealed.

PARKINSON.
9th July 1861.

1739. WILLIAM COULSON PARKINSON, of Cottage Lane, City Road, London, Gas Meter Manufacturer, for an invention for—"An improved frictionless bearing for gas-meters."

Letters Patent sealed.

KEATS. KEATS. 9th July 1861.	1740. JOHN KEATS, and GEORGE EDWARD KEATS, both of Leek, in the County of Stafford, Bootmakers, for an invention for—"Improvements in sewing-machinery." <i>Letters Patent sealed.</i>
COCHRANE. 9th July 1861.	1741. CHARLES COCHRANE, of Ormesby Iron Works, Middlesborough-on-Tees, for an invention for—"Improvements in treating gas in its passage from blast furnaces to the furnaces, stoves, boilers or other heating apparatus where the gas is employed." <i>Letters Patent sealed.</i>
HORNSBY. 9th July 1861.	1742. RICHARD HORNSBY, junior, of Spitalgate Works, Grantham, in the County of Lincoln, for an invention for—"Improvements in thrashing-machines." <i>Letters Patent sealed.</i>
GERMAN. BROWNE. 9th July 1861.	1743. JOSEPH GERMAN, of 32, Friar Gate, Derby, and GEORGE NEWTON BROWNE, of Kedleston Road, Derby, for an invention for—"Improvements in apparatus to be used in shampooing." <i>Letters Patent sealed.</i>
CHELLINGWORTH. THURLOW. 10th July 1861.	1744. THOMAS TERTIUS CHELLINGWORTH, of 12, Buckingham Street, Adelphi, C. E., and JONATHAN THURLOW, of 37, Belvedere Road, Lambeth, for an invention for—"Improvements in traction engines." <i>Letters Patent sealed.</i>
COOKE. 11th July 1861.	1745. WILLIAM COOKE, of No. 26, Spring Gardens, in the County of Middlesex, Civil Engineer, for an invention for—"An improved wind guard for curing smoky chimnies." <i>Provisional protection only.</i>
WESTON. WESTON. 11th July 1861.	1746. GEORGE WESTON, and JAMES WESTON, of Sheffield, in the County of York, for an invention for—"Improvements in rotary steam-engines and pumps." <i>Provisional protection only.</i>
ADIE. 11th July 1861.	1747. PATRICK ADIE, of the Strand, in the County of Middlesex, Mathematical Instrument Maker, for an invention for—"Improvements in apparatus in connection with railway carriage buffers for preventing damage in cases of railway collision." <i>Provisional protection only.</i>
KIDD. 11th July 1861.	1748. JOSHUA KIDD, of No. 289, Strand, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in the manufacture, application and combustion of gases, and in apparatus connected therewith." <i>Provisional protection only.</i>
SALT. 11th July 1861.	1749. JOHN CLUTTON BLAIR SALT, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"A new or improved manufacture of street plates, name plates, and other plates or surfaces having inscriptions or devices thereon." <i>Letters Patent sealed.</i>
FARRON. 11th July 1861.	1750. JAMES FARRON, of Ashton-under-Lyne, in the County of Lancaster, Engineer, for an invention for—"Improvements in apparatus and fittings connected with steam engines and boilers." <i>Letters Patent sealed.</i>
COTTER. 11th July 1861.	1751. JOSEPH ROGERSON COTTER, of Donoughmore Rectory, in the County of Cork, Ireland, Clerk, for an invention for—"Certain improvements in the piano-forte." <i>Letters Patent sealed.</i>
REEVES. 11th July 1861.	1752. THOMAS REEVES, Junior, of Bratton, Westbury, Wilts, for an invention for—"Improvements in apparatus for applying salt or other material to the roots of weeds." <i>Letters Patent sealed.</i>
WILKINSON. 11th July 1861.	1753. WILLIAM WILKINSON, of Bayswater, in the County of Middlesex, Engineer, for an invention for—"Improvements in manufacturing and ornamenting brushes, parts of which are applicable to ornamenting baskets and articles of furniture, and to protecting silver on glass." <i>Provisional protection only.</i>
MESSENGER. 11th July 1861.	1754. THOMAS GOODE MESSENGER, of High Street, Loughborough, in the County of Leicester, Horticultural Builder and Plumber, for an invention for—"Improvements in the construction of valves." <i>Letters Patent sealed.</i>
ASHWELL. 11th July 1861.	1755. HENRY ASHWELL, of New Basford, in the County of Nottingham, Bleacher, for an invention for—"Improvements in apparatus for washing, cleansing, scouring, getting up, dyeing, boiling and steaming." <i>Letters Patent sealed.</i>
SMITH. 12th July 1861.	1756. THOMAS JOHN SMITH, of the firm of T. J. and J. Smith, of Queen Street, Cheapside, in the City of London, Manufacturing Stationers, for an invention for—"Improvements in 'photographic albums.'" <i>Letters Patent sealed.</i>

- ADAMS.
12th July 1861. 1757. WILLIAM BRIDGES ADAMS, of Holly Mount, Hampstead, Middlesex, Engineer, for an invention for—"Improvements in locomotive engines and trains."
Letters Patent sealed.
- ADAMS.
12th July 1861. 1758. JOHN ADAMS, of King William Street, in the City of London, Gun Manufacturer, for an invention for—"Improvements in revolving fire-arms and in cartridges for the same."
Letters Patent sealed.
- BERCHTOLD.
12th July 1861. 1759. SAMUEL BERCHTOLD, of No. 48, Frith Street, Soho, in the County of Middlesex, Watch Maker, for an invention for—"Improvements in perpetual calendars to be used either separately or in connection with watches or clocks."
Provisional protection only.
- RYDILL.
13th July 1861. 1760. GEORGE RYDILL, of Dewsbury, in the County of York, for an invention for—"An improved smoke consumer and condenser suitable for factories, railway engines, steam ships, furnaces, brick kilns, cinder ovens, bakehouses and other purposes, namely, ventilation of factories, houses of parliament, places of public worship, public institutions, dwelling houses, streets, coal mines, railway tunnels, mineral mines, iron works."
Provisional protection only.
- DE RETTE.
13th July 1861. 1761. PIERRE JEAN DE RETTE, Trombonist solo to His Majesty the King of the Belgians, and formerly Band Master of the 9th Reg^t of the Line, in Belgium, residing at No 9, Rue Guimard, in Bruxelles, for an invention for—"Improvements in the manufacture of wind musical instruments in brass or other metal to which pistons are applicable."
Letters Patent sealed.
- MASCHWITZ.
13th July 1861. 1762. CHARLES MASCHWITZ, the younger, of Birmingham, in the County of Warwick, Merchant, for an invention for—"Improvements in taps or stop cocks for liquids, steam and gas."—*A communication to him from abroad by Joseph Berger, of Biala, in Austrian Galicia.*
Letters Patent sealed.
- BEAMISH.
BEAMISH.
13th July 1861. 1763. ISAAC BEAMISH, of Liverpool, in the County of Lancaster, Engineer, and NOAH BEAMISH, of Egremont, in the County of Chester, lately Chief Engineer of the Steam Ship "Great Britain," for an invention for—"Improvements in lubricating those parts of steam-engines acted on by the steam and in apparatus for the same, which said apparatus can be used for other purposes."
Provisional protection only.
- PICKERING.
PICKERING.
PICKERING.
13th July 1861. 1764. JAMES PICKERING, of Clitheroe, HENRY PICKERING, of Burnley, and NATHAN PICKERING, of Wingates, Westhoughton, all in the County of Lancaster, for an invention for—"Improvements in self-acting mules for spinning cotton and other fibrous materials."
Provisional protection only.
- GEORGE.
13th July 1861. 1765. LOUIS GEORGE, of Paris, now residing in Duke Street, Lincoln's Inn Fields, in the County of Middlesex, for an invention for—"Improvements in the method of soldering together two or more printing type letters to facilitate the work of the compositor, and in the arrangement of type cases for the same."
Provisional protection only.
- TOLHAUSEN.
13th July 1861. 1766. FREDERICK TOLHAUSEN, Civil Engineer & Patent Agent, of 35, Boulevard Bonne Nouvelle, Paris, in the Empire of France, for an invention for—"Improvements in looms for weaving ribbons and other fabrics."—*A communication from Georges Duplay, Loom Maker, a person resident at No. 11, Rue Notre Dame, St. Etienne, in the Empire of France.*
Letters Patent sealed.
- SMITH.
TAYLOR.
13th July 1861. 1767. THOMAS SMITH, and GEORGE TAYLOR, of the Vulcan Works, Ipswich, for an invention for—"Improvements in horse rakes and cultivators, and in wheels for the same and other carriages."
Letters Patent sealed.
- WOYCKE.
15th July 1861. 1768. THEODOR WOYCKE, of America Square, Minorities, in the City of London, in the County of Middlesex, Gentleman, for an invention for—"An improvement in the manufacture, construction and production of the heels and the uppers immediately above the heels of boots and shoes, for imparting durability and permanency of form to the said heels and uppers."
Provisional protection only.
- BRIGGS.
FEARNLEY.
15th July 1861. 1769. EDWARD BRIGGS, of Castleton Mills, near Rochdale, in the County of Lancaster, Silk Spinner and Manufacturer, and SAMUEL FEARNLEY, of Rochdale, aforesaid, Engineer, for an invention for—"Improvements in the manufacture of piled fabrics and in the machinery or apparatus employed in manufacturing piled and other fabrics."
Letters Patent sealed.

WALKER. 15th July 1861.	1770. THOMAS WALKER, Junior, of Otley, in the County of York, Commission Agent, for an invention for—"Certain improvements in apparatus for polarizing light, applicable to microscopes and other optical instruments." <i>Provisional protection only.</i>
TREBLE. 15th July 1861.	1771. GEORGE TREBLE, the younger, of Aldersgate Street, in the City of London, Artizan, in the employment of Messieurs S. Maw and Son, for an invention for—"An improvement in show-cases." <i>Provisional protection only.</i>
COBLEY. 15th July 1861.	1772. THOMAS COBLEY, of Meerholz, in the Electorate of Hesse, Germany, Metallurgist, for an invention for—"Improvements in the manufacture of metallic and earthy silicates or siliceous compounds of the same from the metallic and earthy bases or their salts, and soluble alkaline silicates, the formation of alkaline acetates or caustic alkalies, and application of the same." <i>Letters Patent sealed.</i>
COBLEY. 15th July 1861.	1773. THOMAS COBLEY, of Meerholz, Electorate of Hesse, Germany, Metallurgist, for an invention for—"An improved process for preserving and indurating timber, wood and other vegetable matters, and for rendering the same uninflammable." <i>Letters Patent sealed.</i>
TAYLOR. PRICE. 15th July 1861.	1774. REES TAYLOR, and THOMAS PRICE, of Ty-du Tin plate works, Bassaleg, in the County of Monmouth, Mechanics, for an invention for—"Improvements in the manufacture of tin and terne-plates." <i>Letters Patent sealed.</i>
COOMBE. WRIGHT. 15th July 1861.	1775. JAMES CANE COOMBE, Chemist, and JAMES WRIGHT, Civil Engineer, both of 42, Bridge Street, Blackfriars, London, for an invention for—"Improvements in the manufacture of glass, pottery, porcelain and other ceramic and plastic wares." <i>Letters Patent sealed.</i>
COBLEY. 15th July 1861.	1776. THOMAS COBLEY, of Meerholz, Electorate of Hesse, Germany, Metallurgist, for an invention for—"An improved process for the production or manufacture of fluo-silicates of tin, zinc and baryta, and their application as pigments, for glazing, enamelling, and in the manufacture of glass." <i>Letters Patent sealed.</i>
BROWNE. 15th July 1861.	1777. BENJAMIN BROWNE, of No. 52, King William Street, in the City of London, Civil Engineer and Patent Agent, for an invention for—"Improved machinery for clearing and smoothing spun thread or yarns and other similar fibrous materials."— <i>A communication to him from abroad by Eugène Ab-der Halden, and Charles Seiler, both of Lacroix-aux-Mines, Vosges, in the Empire of France.</i> <i>Letters Patent sealed.</i>
TOPHAM. TOPHAM. TOPHAM. 15th July 1861.	1778. ALFRED TOPHAM, JOSEPH TOPHAM, and JABEZ TOPHAM, all of St' Pierie les Calais, in the Empire of France, Lace Manufacturers, for an invention for—"Improvements in the manufacture of lace." <i>Letters Patent sealed.</i>
JOHNSON. 15th July 1861.	1779. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in machinery or apparatus for cleaning rice."— <i>A communication to him from abroad by Henry Beaufort Sears, of the City of New York, in the United States of America, Merchant.</i> <i>Letters Patent sealed.</i>
GÖSSELL. 15th July 1861.	1780. OTTO JOHN THEODORE GÖSSELL, of Moorgate Street, in the City of London, Merchant, for an invention for—"An improved combined locomotive engine and carriage."— <i>A communication to him from abroad by Heinrich Ehrhardt, of Dresden, in the Kingdom of Saxony.</i> <i>Provisional protection only.</i>
RIGBY. 15th July 1861.	1781. WILLIAM RIGBY, of Glasgow, in the County of Lanark, North Britain, Engineer, for an invention for—"Improvements in the manufacture of armour plates for defensive purposes." <i>Letters Patent sealed.</i>
MABSON. 15th July 1861.	1782. JOHN MABSON, of Newcastle-upon-Tyne, Agent, for an invention for—"Improvements in sewing-machines particularly applicable to quilting and braiding." <i>Provisional protection only.</i>
FERMIER DE LA PROVOTAIS. 15th July 1861.	1783. EMILE GEORGES FERMIER DE LA PROVOTAIS, of 29, Boulevard St' Martin, Paris, for an invention for—"Extracting the fibres from genista scoparia (broom), and their application to manufacturing paper and fabrics, and also treating the washing waters so as to obtain dyeing products therefrom." <i>Letters Patent sealed.</i>

- CLARK.
15th July 1861. 1784. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in stage scenery and apparatus."—*A communication to him from abroad by M^r. Théophile Foucault, of 29, Boulevard S^t. Martin, Paris, in the Empire of France, Manufacturer.*
Letters Patent sealed.
- MAPPLE.
16th July 1861. 1785. JAMES MAPPLE, of N^o. 2, Newman's Place, Kentish Town, London, Midd^x, Telegraph and Clock Maker, for an invention for—"Improvements in telegraphic apparatus." *Provisional protection only.*
- GOUCHER.
16th July 1861. 1786. JOHN GOUCHER, of Worksop, in the County of Nottingham, Ironfounder, Engineer and Machinist, for an invention for—"Improvements in stacking corn and other crops." *Provisional protection not granted.*
- WELLS.
16th July 1861. 1787. JOHN SCOTT WELLS, of Mount Street, in the Town and County of the Town of Nottingham, Manufacturer of Hosiery, for an invention for—"An improved needle used in the manufacture of looped fabrics." *Provisional protection only.*
- BLINKHORN.
16th July 1861. 1788. JOHN BLINKHORN, of Chorley, in the County of Lancaster, Accountant, for an invention for—"Improvements in machinery or apparatus for working railway signals." *Letters Patent sealed.*
- JONES.
16th July 1861. 1789. RICHARD JONES, of Camden Town, in the County of Middlesex, for an invention for—"Improvements in safety lamps." *Letters Patent sealed.*
- GILLARD.
16th July 1861. 1790. JOSEPH PIERRE GILLARD, of Paris, France, Civil Engineer, for an invention for—"Improvements in the manufacture of soda, carbonate of soda and hydrochloric acid, and in apparatus connected therewith." *Provisional protection only.*
- HOLDER.
16th July 1861. 1791. DANIEL HOLDER, junior, of Thornhill Road, Barnsbury, in the County of Middlesex, for an invention for—"Improvements in foot and kneeling stools." *Provisional protection only.*
- ABEL.
16th July 1861. 1792. CHARLES DENTON ABEL, of 20, Southampton Buildings, Chancery Lane, in the County of Middlesex, Patent Agent, for an invention for—"Certain new alloys of silver with other metals, and the processes employed in their manufacture."—*A communication to him from abroad by Henri Catherine de Ruolz, residing in Paris, in the Empire of France.* *Letters Patent sealed.*
- PALMER.
16th July 1861. 1793. WILLIAM PALMER, of Sutton Street, Clerkenwell, for an invention for—"Improvements in lamps." *Letters Patent sealed.*
- HARNETT.
17th July 1861. 1794. ANDREW WILLIAM HARNETT, of N^o. 97, Guildford Street, Russell Square, London, Barrister at law (of the Irish Bar), for an invention for—"Improvements in the construction of steam-engines, air-engines, and pumps." *Provisional protection only.*
- BUTTERWORTH.
17th July 1861. 1795. JOSEPH HEAPE BUTTERWORTH, of Vicars Moss Mills, Rochdale, in the County of Lancaster, Cotton Spinner, for an invention for—"An improved mode of and apparatus for heating water or other fluids."—*A communication to him from abroad by Jérôme Eugène Tourné, of New Orleans, in the State of Louisiana, United States of America.* *Letters Patent sealed.*
- BUTTERWORTH.
17th July 1861. 1796. JOSEPH HEAPE BUTTERWORTH, of Vicars Moss Mills, Rochdale, in the County of Lancaster, Cotton Spinner, for an invention for—"An improved mode of and apparatus for heating air or for desiccating wet or moist substances."—*A communication to him from abroad by Jérôme Eugène Tourné, of New Orleans, in the State of Louisiana, United States of America.* *Letters Patent sealed.*
- PARKER.
WELLS.
WELLS.
17th July 1861. 1797. JOHN PARKER, of Ivy House, Bradford, in the County of York, and JOSEPH WELLS, and BENJAMIN WELLS, of Bowling, near Bradford, aforesaid, Millwrights, for an invention for—"Improvements in steam-engines, boilers, furnaces and apparatus applicable thereto." *Provisional protection only.*
- MASON.
17th July 1861. 1798. JOSIAH MASON, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"An improvement or improvements in metallic pens."—*A communication to him from abroad by Jean Benoit Mallat, and Edme Victor Saglier, both of Paris, in the Empire of France.* *Letters Patent sealed.*
- REDFERN.
17th July 1861. 1799. CHARLES EDWARD REDFERN, of No. 10, Saint Paul Street, New North Road, Islington, in the County of Middlesex, for an invention for—"Improvements in the construction of locks and adaptation thereof to various useful purposes." *Provisional protection only.*

BROOKE.
17th July 1861.

1800. SIR WILLIAM O'SHAUGHNESSY BROOKE, of Westminster, Knight, Director General of Telegraphs in India, for an invention for—"Improvements in apparatus for suspending and insulating electric telegraph wires."—*Letters Patent sealed.*

HARE.
RUSS.
17th July 1861.

1801. SIR JOHN HARE (Knight), of Hardelet Castle, Pas de Calais, in the Empire of France, and BARNABAS RUSS, of Russ' Buildings, Frogmore Street, Bristol, for an invention for—"Improvements in heating cylinder-irons or heaters to be used for pressing the seams of garments, finishing of hats, or other purposes for which heated-irons are ordinarily used, and in apparatus connected therewith."

Provisional protection only.

NEWTON.
17th July 1861.

1802. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"An improved process and improved machinery for obtaining fibres from the stalks or leaves of fibre yielding plants."—*A communication to him from abroad by James Mallory, and Gelston Sanford, of New York, in the United States of America.*

Letters Patent sealed.

TRIGWELL.
17th July 1861.

1803. JAMES TRIGWELL, of Terminus Street, Brighton, Engineer, for an invention for—"Improvements in slide valves."

Provisional protection only.

TAWELL.
18th July 1861.

1804. SAMUEL TAWELL, of Aldermanbury, in the City of London, Lace Manufacturer, for an invention for—"An improvement in or addition to the selvages of laces and other woven fabrics."

Letters Patent sealed.

ELLIOTT.
18th July 1861.

1805. ARTHUR ELLIOTT, of Manchester, in the County of Lancaster, Mechanic, for an invention for—"Certain improvements in looms for weaving."

Letters Patent sealed.

WEST.
18th July 1861.

1806. CHARLES WEST, of No. 2, Derby Street, Parliament Street, Westminster, in the County of Middlesex, for an invention for—"Improvements in the mode of insulating and covering wire."

Provisional protection NOT granted.

JOHNSON.
ANDERSON.
18th July 1861.

1807. BENJAMIN JOHNSON, of No. 1, Surrey Place, Kennington Park, in the County of Surrey, and WILLIAM HENRY ANDERSON, of White Cottage, Stockwell Place, in the County of Surrey, for an invention for—"Improvements in pianofortes."

Letters Patent sealed.

GUAYMARD.
18th July 1861.

1808. MAURICE EUGÈNE GUAYMARD, of 29, Boulevard St. Martin, Paris, Merchant, for an invention for—"Improvements in the manufacture of shirt fronts, collars and cuffs."

Provisional protection only.

TILLOTSON.
18th July 1861.

1809. JOHN TILLOTSON, of Bolton, in the County of Lancaster, Printer, for an invention for—"Certain improvements in the manufacture of pawnbrokers' duplicate-tickets and in the apparatus connected therewith."

Provisional protection only.

WILLIAMS.
PARKINSON.
18th July 1861.

1810. PETER WILLIAMS, of Salford, in the County of Lancaster, Machinist, and THOMAS PARKINSON, of Bury, in the same County, Cotton Spinner, for an invention for—"Certain improvements in carding-engines for carding cotton and other fibrous substances."

Letters Patent sealed.

JOHNSON.
18th July 1861.

1811. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in capstans and windlasses."—*A communication to him from abroad by Louis Frederic Francois David, of Paris, in the Empire of France, Chain and Cable Manufacturer.*

Letters Patent sealed.

COLES.
JAQUES.
FANSHAWE.
18th July 1861.

1812. GEORGE COLES, of Gresham Street West, in the City of London, Merchant, JAMES ARCHIBALD JAQUES, of Tottenham, in the County of Middlesex, Chemist, and JOHN AMERICUS FANSHAWE, of the same place, Engineer, for an invention for—"Improved apparatus to be used for brushing and dressing cloth."

Letters Patent sealed.

JAQUES.
FANSHAWE.
18th July 1861.

1813. JAMES ARCHIBALD JAQUES, of Tottenham, in the County of Middlesex, Chymist, and JOHN AMERICUS FANSHAWE, of the same place, Engineer, for an invention for—"An improved apparatus for or mode of stopping, plugging or closing inkstands, bottles and other vessels of capacity."

Letters Patent sealed.

ROGERS.
18th July 1861.

1814. JASPER WHEELER ROGERS, of Peat House, Robertstown, County Kildare, in the Kingdom of Ireland, Civil Engineer, for an invention for—"An improved mode of building ships and floating batteries, applicable also in part to the construction of fortifications."

Letters Patent sealed.

WALKER. 19th July 1861.	1815. ROBERT WALKER, of Eccleston, near Prescott, in the County of Lancaster, Engineer, for an invention for—"An improved apparatus for stopping and packing bottles." <i>Letters Patent sealed.</i>
GALLAFENT. 19th July 1861.	1816. DANIEL GALLAFENT, of 15, Stepney Causway, in the County of Middlesex, Engineer, for an invention for—"Certain improvements in refrigerators for cooling liquids." <i>Letters Patent sealed.</i>
MUSHET. 19th July 1861.	1817. ROBERT MUSHET, of Coleford, in the County of Gloucester, Metallurgist, for an invention for—"Improvements in the manufacture of cast steel." <i>Letters Patent sealed.</i>
SHAW. 19th July 1861.	1818. PHILANDER SHAW, of Boston, in the County of Suffolk, in the State of Massachusetts, one of the United States of America, for an invention for—"Improvements in hot air engines." <i>Letters Patent sealed.</i>
LAING. COSSINS. 19th July 1861.	1819. ROBERT LAING, and GEORGE HORWOOD COSSINS, of Ince, near Wigan, in the County of Lancaster, for an invention for—"An improved mode of obtaining nitrous acid gas for making sulphuric acid." <i>Letters Patent sealed.</i>
NEWBERY. 19th July 1861.	1820. RICHARD CHARLES NEWBERY, of President Street West, Goswell Road, in the County of Middlesex, for an invention for—"Improvements in the manufacture of enamelled cards." <i>Letters Patent sealed.</i>
SAVORY. SAVORY. 19th July 1861.	1821. WILLIAM SAVORY, and PAUL HAINES SAVORY, both of Gloucester, in the County of Gloucester, for an invention for—"An improved winding apparatus particularly adapted for steam ploughing, winding at pits, quarries and other such like purposes." <i>Letters Patent sealed.</i>
HENRY. 19th July 1861.	1822. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in the production of paper pulp and in bleaching paper pulp and certain fabrics, also an apparatus for cutting wood applicable for carrying out part of the invention."— <i>A communication to him from abroad by Marie Anne Pelagie Veronique Cauzique, formerly le Roux, of 33, Boulevard St. Martin, Paris, France.</i> <i>Letters Patent sealed.</i>
BROOMAN. 19th July 1861.	1823. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improved method of propelling ships and other vessels by means of superheated steam."— <i>A communication to him from abroad by Eugene Coulon, of Rouen, France.</i> <i>Letters Patent sealed.</i>
BROOMAN. 19th July 1861.	1824. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in breech loading ordnance applicable also to small arms."— <i>A communication to him from abroad by Lewis Wells Broadwell, residing at St. Petersburg, Russia.</i> <i>Letters Patent sealed.</i>
JOHNSON. 19th July 1861.	1825. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in the manufacture of ships' armour plates and other heavy forgings, and in the machinery or apparatus employed therein."— <i>A communication to him from abroad by Hyppolite Ulysse Petin, and Jean Marie Gaudet, of the firm of Petin, Gaudet and Company, of Rive de Gier, in the Empire of France, Iron Masters.</i> <i>Letters Patent sealed.</i>
NEWTON. 19th July 1861.	1826. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improved apparatus for copying letters or writings and draughts."— <i>A communication to him from abroad by Francis Tryon, George Heydecker, and William Van Anden, of New York, in the United States of America.</i> <i>Letters Patent sealed.</i>
HUGHES. 20th July 1861.	1827. EDWARD THOMAS HUGHES, of the firm of Hughes & Son, Patent Agents, 123, Chancery Lane, London, for an invention for—"Improvements in machinery or apparatus for manufacturing woven seamless gloves."— <i>A communication to him from abroad by Messieurs Jean Bezon, and Alphonse Berthod, both of Lyons, in the Empire of France.</i> <i>Letters Patent sealed.</i>
GILBERT. 20th July 1861.	1828. MOSES GILBERT, of Manchester, in the County of Lancaster, India-rubber Manufacturer, for an invention for—"Certain improvements in boots and shoes or other coverings for the feet." <i>Provisional protection only.</i>

PRICE. 20th July 1861.	1829. WILLIAM PRICE, of Lambeth, in the County of Surrey, Carpenter, for an invention for—"Improvements in tools for cutting shives and other conical blocks." <i>Letters Patent sealed.</i>
THATCHER. 20th July 1861.	1830. ROBERT THATCHER, of Brook Mills, Oldham, in the County of Lancaster, Cotton Spinner, for an invention for—"Improvements in lubricators for lubricating the various parts of machinery." <i>Letters Patent sealed.</i>
ROBERTS. DALE. 20th July 1861.	1831. THOMAS ROBERTS, and JOHN DALE, of Manchester, in the county of Lancaster, Manufacturing Chemists, for an invention for—"Improvements in the manufacture of gunpowder." <i>Provisional protection only.</i>
PLATT. BUCKLEY. 20th July 1861.	1832. JOHN PLATT, of Oldham, in the County of Lancaster, Mechanical Engineer, and JOHN BUCKLEY, of the same place, Overlooker, for an invention for—"Improvements in machinery for spinning and doubling cotton and other fibrous materials." <i>Letters Patent sealed.</i>
COLE. COLE. 20th July 1861.	1833. JOHN COLE, and JOSEPH COLE, both of Coventry, in the County of Warwick, Watchmakers, for an invention for—"An improvement in the construction of watches." <i>Letters Patent sealed.</i>
HENRY. 20th May 1861.	1834. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in the method of and apparatus for obtaining an increased effect from lights."— <i>A communication to him from abroad by Charles François Le Page, and Cyprien Poisson, both of 33, Boulevard Saint Martin, Paris, France.</i> <i>Letters Patent sealed.</i>
MENNONS. 22nd July 1861.	1835. MARC ANTOINE FRANCOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, and temporarily of Furnival's Inn, in the City of London, E.C., for an invention for—"Improvements in safety locks."— <i>A communication to him from abroad by François Julien Toulze, of Paris (France).</i> <i>Provisional protection only.</i>
KOTTULA. 22nd July 1861.	1836. CONSTANTINE NICOLAUS KOTTULA, of Holborn, in the County of Middlesex, Soap Manufacturer, for an invention for—"Certain new compositions to be used in the manufacture of soap." <i>Letters Patent sealed.</i>
WATSON. 22nd July 1861.	1837. ARCHIBALD WATSON, of Johnstone, in the County of Renfrew, North Britain, Leather Merchant and Saddler, for an invention for—"Improvements in brake apparatus for common-road vehicles." <i>Provisional protection only.</i>
WOOD. 22nd July 1861.	1838. JOHN BLAND WOOD, of Broughton, near Manchester, in the County of Lancaster, Doctor of Medicine, for an invention for—"Improvements in the manufacture of shuttle pickers." <i>Letters Patent sealed.</i>
HOOD. 22nd July 1861.	1839. WILLIAM HOOD, of the Railway Foundry, Reading, in the County of Berks, Ironfounder, for an invention for—"Improvements in beams and girders and in applying the same in buildings." <i>Letters Patent sealed.</i>
NEWTON. 22nd July 1861.	1840. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in engines for obtaining motive-power by an explosive mixture of inflammable gases and air."— <i>A communication to him from abroad by Francisque Million, of Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
BEATTIE. 22nd July 1861.	1841. JOSEPH BEATTIE, of Lawn Place, South Lambeth, in the County of Surrey, Engineer, for an invention for—"Improvements in arrangements in buildings and ships with a view to the extinguishment of accidental fire therein and also the ventilation thereof." <i>Letters Patent sealed.</i>
BATTY. 23rd July 1861.	1842. CHARLES BATTY, of 136, Marylebone Road, County of Middlesex, Atmospheric Engineer, for an invention for—"Improvements in the means of preventing the extension of fire in buildings." <i>Provisional protection only.</i>
GRIFFIN. 23rd July 1861.	1843. GEORGE FEATHERSTONE GRIFFIN, of New Adelphi Chambers, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in the permanent way of railways." <i>Letters Patent sealed.</i>
GRAY. 23rd July 1861.	1844. THOMAS GRAY, of No. 19, Hill's Cottages, Union Road, Wandsworth, in the County of Surrey, Manufacturer of paper making materials, for an invention for—"An improved method of preparing flax from old materials for spinning and other purposes." <i>Letters Patent sealed.</i>

- DUMESNIL.
23rd July 1861. 1845. NICOLAS ETIENNE DUMESNIL, of 12, Rue aux Loups, Sotteville-les-Rouen, in the Empire of France, for an invention for—"Improvements in materials for lubricating parts of machinery and for other lubricating purposes."
Letters Patent sealed.
- THOMPSON.
23rd July 1861. 1846. ROBERT THOMPSON, of Charlton, in the County of Kent, Engineer, for an invention for—"Improvements in machinery for cutting wood."
Letters Patent sealed.
- JOHNSON.
23rd July 1861. 1847. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in forges."—*A communication to him from abroad by Martin Chretiennot, commonly called Chretiennot-Radet, & Pierre Leon Rodet, both of Paris, in the Empire of France.*
Letters Patent sealed.
- HIRSCHFELD.
23rd July 1861. 1848. FERDINAND HIRSCHFELD, of the firm of Hirschfeld, Peraire and Company, of 24, Cannon Street West, in the City of London, Leather Cloth Manufacturers and Importers of Foreign Goods, for an invention for—"Improvements in ornamenting or decorating articles of iron."—*A communication to him from abroad by Jean Baptiste Haffner, and Jean Pierre Haffner, of Paris, in the Empire of France, Manufacturers.*
Provisional protection only.
- CLARK.
23rd July 1861. 1849. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in apparatus for the condensation of steam in marine engines, and in the particular application of parts thereof to the ship."—*A communication to him from abroad by William Lighthall, Manufacturer, and Albert Nicholson Chrystie, Merchant, both of 29, Boulevard St. Martin, Paris.*
Provisional protection only.
- HIRSCHFELD.
24th July 1861. 1850. FERDINAND HIRSCHFELD, of the firm of Hirschfeld, Peraire and Company, of 24, Cannon Street West, in the City of London, Leather Cloth Manufacturers and Importers of Foreign Goods, for an invention for—"Improvements in locks and keys."—*A communication to him from abroad by Jean Baptiste Haffner, and Jean Pierre Haffner, of Paris, in the Empire of France, Manufacturers.*
Provisional protection only.
- HUGHES.
24th July 1861. 1851. THOMAS HUGHES, of Birmingham, in the County of Warwick, Manager of the Imperial Iron Tube Company, for an invention for—"An improved steam generator."
Letters Patent sealed.
- MILLS.
24th July 1861. 1852. FREDERICK MILLS, of the Star Iron Works, Heywood, near the City of Manchester, in the County of Lancaster, Machine Maker, for an invention for—"Certain improvements in machinery for carding cotton and other fibrous materials."
Provisional protection only.
- SIDEBOTTOM.
24th July 1861. 1853. JOHN SIDEBOTTOM, of Harewood, near Mottram, in the County of Chester, Cotton Spinner and Manufacturer, for an invention for—"Improvements in fire arms and ordnance."
Letters Patent sealed.
- BADARD.
24th July 1861. 1854. JOSEPH BADARD, of N^o. 1, Rue St. Cecile, Marseilles, in the Empire of France, for an invention for—"Improvements in machinery or apparatus for turning and planing metals, the tool advancing sideways and cutting in an oblique position."
Provisional protection only.
- NEVILLE.
24th July 1861. 1855. HENRY NEVILLE, of Portsmouth, in the County of Southampton, Optician, for an invention for—"Improved apparatus for taking photographs."
Provisional protection only.
- GEDGE.
24th July 1861. 1856. WILLIAM EDWARD GEDGE, of the firm of John Gedge and Son, of N^o. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in the preparation and clarification of the saccharine matters obtained from beetroot, sugar cane, indian millet and other sacchariferous vegetables or plants."—*A communication to him from abroad by Louis Constant Bernard, of Wasserling, Haut Rhin, France, Chemist.*
Provisional protection only.
- CRANSTON.
24th July 1861. 1857. WILLIAM McINTYRE CRANSTON, of 58, King William Street, London Bridge, for an invention for—"Improvements in grass mowing machines."—*A communication to him from abroad by William Anson Wood, and John Milton Rosebrooks, of Hoosick Falls, New York, United States.*
Complete specification; Letters Patent sealed.

WOOD. 24th July 1861.	1858. ALFRED WOOD, of Lewes, in the County of Sussex, for an invention for—"Improvements in apparatus employed for fermenting purposes in brewing beer as also for storing beer and for general purposes of fermentation." <i>Letters Patent sealed.</i>
THRELFALL. 24th July 1861.	1859. RICHARD THRELFALL, of Bolton, in the County of Lancaster, Machine Maker and Founder, for an invention for—"Improvements in machinery or apparatus for spinning cotton or other fibrous material." <i>Letters Patent sealed.</i>
SIETZ. 24th July 1861.	1860. ADOLF JULIUS DIEDRICH SEITZ, of the Town and County of the Town of Newcastle-upon-Tyne, Chemist, for an invention for—"Improvements in the drying of bricks and other articles manufactured of fire clay or common clay, and in the construction of drying rooms for such purpose." <i>Provisional protection only.</i>
PLATT. RICHARDSON. 24th July 1861.	1861. JOHN PLATT, of Oldham, in the County of Lancaster, Mechanical Engineer, and WILLIAM RICHARDSON, of the same place, Mechanical Engineer, for an invention for—"Improvements in machinery or apparatus commonly called 'gins' for cleaning cotton from seeds." <i>Provisional protection only.</i>
COOK. 24th July 1861.	1862. HENRY COOK, of Manchester, in the County of Lancaster, Gentleman, for an invention for—"Improved apparatus for punching or marking the pattern cards used in weaving figured fabrics." <i>Letters Patent sealed.</i>
LONGMAID. 24th July 1861.	1863. WILLIAM LONGMAID, of Inver, Galway, Ireland, for an invention for—"Improvements in the manufacture of iron." <i>Letters Patent sealed.</i>
BLYTH. 25th July 1861.	1864. FREDERICK DELA COURT BLYTH, of 113, Fenchurch Steet, in the City of London, Metal Broker, for an invention for—"Improvements in gimlets, augers and brace bits."— <i>A communication to him from abroad by Washington Mears, of Beekman Street, City of New York, United States of America.</i> <i>Provisional protection only.</i>
BROWN. HACKING. 25th July 1861.	1865. BENJAMIN BROWN, of Bury, in the County of Lancaster, Mechanic, and RICHARD HACKING, of the same place, Machine Maker, for an invention for—"Certain improvements in machinery or apparatus employed in spinning cotton, wool, silk and other fibrous substances." <i>Letters Patent sealed.</i>
KLOTZ. 25th July 1861.	1866. MARC KLOTZ, of 29, Boulevard St Martin, Paris, in the Empire of France, Merchant, for an invention for—"A new application of certain products to ornamenting tissues, papers and other surfaces." <i>Letters Patent sealed.</i>
SPINK. 25th July 1861.	1867. DANIEL SPINK, of Eastbourne, in the County of Sussex, for an invention for—"Improvements in steam-engines." <i>Provisional protection only.</i>
KELLY. SHAKESPEARE. 25th July 1861.	1868. ROBERT KELLY, of Wilden, near Stourport, in the County of Worcester, Sorter of Tin plates, and JOHN SHAKESPEARE, of Dudley, in the County of Worcester, Manufacturer, for an invention for—"New or improved machinery to be used in the manufacture of tin plates and terne plates, and iron plates coated with lead." <i>Provisional protection only.</i>
HAEFFELY. 25th July 1861.	1869. EDWARD HAEFFELY, of Kearsley, in the County of Lancaster, Analytical Chemist, for an invention for—"Improvements in extracting copper from its ores." <i>Letters Patent sealed.</i>
SIMMONS. 25th July 1861.	1870. JAMES SIMMONS, of the Chemical Works, Wellington Lane, Battersea, in the County of Surrey, Engineer, for an invention for—"Improvements in the construction of buildings to enable them to withstand the destructive action of fire." <i>Provisional protection only.</i>
ROBERTSON. 25th July 1861.	1871. CHARLES ROBERTSON, of Edinburgh, in the County of Mid-Lothian, North Britain, Advocate, for an invention for—"Improvements in sights for fire-arms." <i>Letters Patent sealed.</i>
SWANN. 26th July 1861.	1872. RICHARD RHOD SWANN, of 12, The Grove, Blackheath, in the County of Kent, for an invention for—"A fire preventive ceiling and apparatus for the extinction of fire in warehouses, stores, depôts and buildings." <i>Provisional protection NOT granted.</i>
BOURNE. 26th July 1861.	1873. JOHN FREDERICK BOURNE, of Georgetown, in the County of Demerara Colony of British Guiana, for an invention for—"Certain improvements in the construction, armament and equipment of batteries floating or otherwise, for war purposes." <i>Letters Patent sealed.</i>

- JOHNSON.
HOCKIN.
26th July 1861. 1874. FREDERICK JOHNSON, and BARTHOLOMEW HOCKIN, of North Street, Smith's Square, Westminster, for an invention for—"Improvements in securing or fastening nuts for railway fish plates and for other purposes."—*Letters Patent sealed.*
- THUREL.
26th July 1861. 1875. FÉLICITÉ NOËMI THUREL, of 2, Rue Sainte Appoline, Paris (France), and of 4, South Street, Finsbury, London, for an invention for—"Improvements in the method of fastening shoes, stays, gloves and other wearing-apparel."—*Letters Patent sealed.*
- SANG.
26th July 1861. 1876. EDWARD SANG, of No. 2, George Street, in the City of Edinburgh, North Britain, Actuary and Civil Engineer, for an invention for—"An improved apparatus for indicating the direction of objects and measuring angles."—*Letters Patent sealed.*
- WIGFALL.
26th July 1861. 1877. WILLIAM WIGFALL, of Sheffield, in the County of York, Brush Manufacturer, for an invention for—"Improvements in the manufacture of brushes and brooms."—*Letters patent sealed.*
- GEDGE.
27th July 1861. 1878. WILLIAM EDWARD GEDGE, of the firm of John Gedge and Son, of No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"An improved weighing-machine."—*A communication to him from abroad by Charles Thuau, of No. 15, Passage des Petites Ecuries, Paris, Doctor of Medicine. Provisional protection only.*
- JOHNSON.
27th July 1861. 1879. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in sewing-machines."—*A communication to him from abroad by The Grover and Baker Sewing-Machine Company, of Broadway, New York, in the United States of America. Letters Patent sealed.*
- GARROOD.
27th July 1861. 1880. ROBERT ELMY GARROOD, of High Street, Chelmsford, in the County of Essex, Carver and Gilder, for an invention for—"Improvements in mitre boxes and shooting boards."—*Letters Patent sealed.*
- HERBERT.
27th July 1861. 1881. JAMES BEETEN HERBERT, of 8, Newman Street, in the County of Middlesex, for an invention for—"Improvements in fire guards."—*Letters Patent sealed.*
- HARFIELD.
27th July 1861. 1882. WILLIAM HORATIO HARFIELD, of 2, Royal Exchange Buildings, in the City of London, for an invention for—"Improvements in constructing and propelling ships and vessels."—*Letters Patent sealed.*
- COLQUHOUN.
THOMSON.
27th July 1861. 1883. EWING PYE COLQUHOUN, and JOHN ROBERT THOMSON, both of N^o. 1, Laurence Pountney Hill, in the City of London, for an invention for—"Improvements in fire-bars for furnace grates."—*Letters Patent sealed.*
- AMOS.
FRANCIS.
27th July 1861. 1884. CHARLES EDWARDS AMOS, of the Grove, in the Borough of Southwark, Engineer, and JOHN FRANCIS, of the Penrhynn Slate Quarries, near Bangor, North Wales, Engineer, for an invention for—"Improved machinery for dressing slates."—*Letters Patent sealed.*
- ROBERTSON.
27th July 1861. 1885. JAMES ROBERTSON, of 53, Park Street, Mile End, in the County of Middlesex, Gentleman, for an invention for—"Improvements in apparatus for the treatment of bodily pain with hot water, steam, hot air and the like."—*Letters Patent sealed.*
- HARE.
27th July 1861. 1886. SIR JOHN HARE (Knight), of Harelott Castle, Pas de Calais, in the Empire of France, for an invention for—"Improvements in the manufacture of sugar."—*Provisional protection not granted.*
- STURROCK.
29th July 1861. 1887. GEORGE STURROCK, of Woolwich, in the County of Kent, Sergeant Major, Royal Engineers, for an invention for—"Improvements in the construction of breech loading fire-arms."—*Letters Patent sealed.*
- TOLHAUSEN.
29th July 1861. 1888. FREDERICK TOLHAUSEN, Civil Engineer and Patent Agent, of 35, Boulevard Bonne Nouvelle, in Paris, in the Empire of France, for an invention for—"Improvements in comforters, neck ties, cravats, and the like articles of garment for the neck and chest."—*A communication from Mess^{rs} Samuel Weil and Raphael Weil, Brothers, two persons resident at No. 35, Boulevard Bonne Nouvelle, Paris, France. Provisional protection only.*
- BUSBY.
BUSBY.
29th July 1861. 1889. WILLIAM BUSBY, and DANIEL BUSBY, of Liverpool, in the County of Lancaster, Coach Proprietors and Co-Partners, for an invention for—"Improvements in street or road rails for omnibuses and other vehicles."—*Provisional protection only.*

RILEY. 29th July 1861.	1890. REUBEN RILEY, of Hull, in the County of York, Railway Guard, for an invention for—"Improvements in fusee signals and in means or apparatus for applying or placing them and fog signals on the rails of railways from the van of a train in motion." <i>Letters Patent sealed.</i>
MELROSE. 29th July 1861.	1891. WILLIAM MELROSE, of No. 25, Kingsbridge Place, Millwall, in the County of Middlesex, for an invention for—"Improvements in the construction of railway wheels." <i>Letters Patent sealed.</i>
GUFFROY. 29th July 1861.	1892. CHARLES CONSTANT JOSEPH GUFFROY, of Lille, in the Empire of France, Merchant, for an invention for—"Improvements in preparing medicinal substances and compounds from the livers of cod and other salt water fish." <i>Letters Patent sealed.</i>
SCOTT. 29th July 1861.	1893. WENTWORTH LASCELLES SCOTT, of Bayswater, in the County of Middlesex, Analytical Chemist, for an invention for—"Improvements in preparing red, purple and certain other dyes." <i>Letters Patent sealed.</i>
JOYNSON. 29th July 1861.	1894. EDMOND HAMBOROUGH JOYNSON, of St Mary's Cray, in the County of Kent, Paper Maker, for an invention for—"Improved machinery or apparatus for disintegrating, crushing or drawing out vegetable fibres." <i>Letters Patent sealed.</i>
HALL. 30th July 1861.	1895. PETER HALL, of the Canada Works, Birkenhead, in the County of Chester, Mechanical Engineer, for an invention for—"A simultaneous manifold drilling-machine." <i>Provisional protection not granted.</i>
SAUNDERSON. 30th July 1861.	1896. THOMAS SAUNDERSON, of 76, Princes street, Dunston Road, Kingsland, N.E., Engraver, for an invention for—"A pasteboard, millboard and cardboard medal for advertising purposes in lieu of handbills." <i>Provisional protection only.</i>
BRADFORD. 30th July 1861.	1897. THOMAS BRADFORD, of the Cathedral Steps, Manchester, in the County of Lancaster, and Fleet Street, London, Washing Machine Manufacturer, for an invention for—"Improvements in washing, churning, wringing and mangling machines." <i>Letters Patent sealed.</i>
ASH. 30th July 1861.	1898. WILLIAM HENRY ASH, of London, Canada West, Gentleman, for an invention for—"Improvements in reaping and mowing machines."— <i>A communication to him by Nicholas Coones, a person resident at London, Canada West.</i> <i>Letters Patent sealed.</i>
CRESSEY. 30th July 1861.	1899. THOMAS STOKES CRESSEY, of Burton-on-Trent, for an invention for—"Improvements in machinery used in the manufacture of casks." <i>Letters Patent sealed.</i>
PARKES. 30th July 1861.	1900. ALEXANDER PARKES, of Birmingham, in the County of Warwick, for an invention for—"Improvements in the manufacture of sheathing metal for ships and vessels." <i>Provisional protection only.</i>
ALLEN. 30th July 1861.	1901. MATTHEW ALLEN, of No. 14, Worship Street, Finsbury, in the County of Middlesex, Builder, for an invention for—"Improvements in the construction of buildings and in materials and machinery to be employed therein and therefor." <i>Provisional protection not granted.</i>
HART. 30th July 1861.	1902. JOHN MATTHIAS HART, of 76, Cheapside, in the City of London, for an invention for—"Improvements in the arrangement or construction of parts of locks or fastenings." <i>Letters Patent sealed.</i>
POTTER. 31st July 1861.	1903. HAROLD POTTER, of the City of Manchester, Gentleman, for an invention for—"Improvements in treating or preparing textile materials and fabrics." <i>Provisional protection only.</i>
HOLLAND. PAYTON. 31st July 1861.	1904. HARRIS JOHN HOLLAND, of Bond Street, in the County of Middlesex, Gun Manufacturer, and WALTER PAYTON, of Johnson Place, Harrow Road, in the said County, Watch and Clock Maker, for an invention for—"Improvements in breech loading fire-arms." <i>Letters Patent sealed.</i>
WOOD. 31st July 1861.	1905. ALFRED WOOD, of Lewes, in the County of Sussex, for an invention for—"Improvements in refrigerating storehouses and in other structures in which a low temperature is continually or periodically required." <i>Letters Patent sealed.</i>
FLANDERS. 31st July 1861.	1906. JOSEPH FOLLANSBEE FLANDERS, of Wardrobe Place, Doctor's Commons, in the City of London, Machinist, for an invention for—"Improvements in machinery for splitting, dividing or shaving leather or skins, or sheets of manufactured fabrics." <i>Letters Patent sealed.</i>

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31st July 1861.</p> <p>WALDUCK.
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1st August 1861.</p> <p>HARRISON.
1st August 1861.</p> <p>SHAW.
1st August 1861.</p> <p>POWELL.
1st August 1861.</p> <p>MUYGRIDGE.
1st August 1861.</p> <p>COOK.
1st August 1861.</p> <p>PRATT.
1st August 1861.</p> <p>EDWARDS.
1st August 1861.</p> <p>WRIGHT.
2nd August 1861.</p> <p>BENTON.
2nd August 1861.</p> <p>TURNER.
2nd August 1861.</p> <p>DROUOT.
2nd August 1861.</p> | <p>1907. JOHN RYLANDS, THOMAS GLAZEBROOK RYLANDS, and PETER RYLANDS, of Warrington, Wire Manufacturers and Galvanizers, for an invention for—"Improvements in joining wire for telegraphic conductors and other purposes."
<i>Letters Patent sealed.</i></p> <p>1908. HERBERT JOHN WALDUCK, of the City of Manchester, Metal Broker, for an invention for—"Improvements in machinery and apparatus for retarding and stopping railway engines and carriages."
<i>Provisional protection only.</i></p> <p>1909. BENJAMIN BROWNE, of No. 52, King William Street, in the City of London, Patent Agent and Civil Engineer, for an invention for—"An improved self acting tap or apparatus for the convenient passage of lighted gas or other illuminating fluid or liquid, and particularly adapted for lighting cigars."—<i>A communication to him from abroad by Theodore Byron Hubbell, of Bridgeport, Connecticut, in the United States of America.</i>
<i>Provisional protection only.</i></p> <p>1910. HORATIO MEARING, of 18, Great Randolph Street, Camden Town, for an invention for—"An improved lucifer match and prepared paper for igniting the same."
<i>Provisional protection only.</i></p> <p>1911. ROBERT HARRISON, of Port Penryhn, in the Parish of Llandegai, in the County of Carnarvon, Engineer, for an invention for—"Improvements in apparatus for cutting slates and slabs."
<i>Provisional protection only.</i></p> <p>1912. HENRY SHAW, of 40, Lower Ormond Key, Dublin, Printer, for an invention for—"Improvements in wet gas meters."
<i>Letters Patent sealed.</i></p> <p>1913. ALEXANDER POWELL, of Liverpool, in the County of Lancaster, Hide Factor, for an invention for—"Improvements in the manufacture of boots, shoes and other coverings for the feet."—<i>A communication to him from abroad by Mr. Charles Warren Bryant, of Boston, Massachusetts, one of the United States of America.</i>
<i>Provisional protection only.</i></p> <p>1914. EDWARD JAMES MUYGRIDGE, of San Francisco, at present residing at No. 6, St John's Villas, Adelaide Road, St John's Wood, in the County of Middlesex, for an invention for—"Improvements in machinery or apparatus for washing clothes and other textile articles."
<i>Letters Patent sealed.</i></p> <p>1915. JOHN COOK, of the East India Road, Poplar, Engineer, for an invention for—"Improvements in smoke consuming furnaces."
<i>Provisional protection only.</i></p> <p>1916. MATTHEW PRATT, of Fenton, Potteries, in the County of Stafford, Earthenware Manufacturer, for an invention for—"An improved mode of manufacturing candle moulds."
<i>Letters Patent sealed.</i></p> <p>1917. GEORGE EDWARDS, of No. 4, Park Road Villas, Battersea, in the County of Surrey, for an invention for—"Improvements in means and apparatus for propelling by traction, carriages and other vehicles on railways, tramways and other roads."
<i>Provisional protection only.</i></p> <p>1918. JAMES WRIGHT, of 42, Bridge Street, Blackfriars, in the City of London, Civil Engineer, for an invention for—"Improvements in machinery to be used in carding cotton and other textile substances."—<i>A communication to him from abroad by Amand Wibaux, of 333, Rue Saint Martin, Paris, in the Empire of France.</i>
<i>Letters Patent sealed.</i></p> <p>1919. ROBERT BENTON, of No. 5, Great College Street, Westminster, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in machinery or apparatus for obtaining rotary motion by the use of the gravitating power of solid or fluid matter."
<i>Letters Patent sealed.</i></p> <p>1920. FREDERICK WILLIAM TURNER, of Llansamlet Works, Swansea, in the County of Glamorgan, Engineer, for an invention for—"Improvements in apparatus for obtaining and applying the motive-power of steam."
<i>Provisional protection only.</i></p> <p>1921. JOSEPH EUGÈNE DROUOT, of 2, Rue Sainte-Appoline, Paris, France, and of 4, South Street, Finsbury, London, Baker, for an invention for—"Improvements in machinery or apparatus for kneading."
<i>Letters Patent sealed.</i></p> |
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NEWTON. 2nd August 1861.	1922. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improved machinery for cleaning rice, coffee and other grains or seeds."— <i>A communication to him from abroad by Amasa Howe, of New York, in the United States of America.</i> <i>Letters Patent sealed.</i>
TOMLINSON. WILSON. 3rd August 1861.	1923. EDWIN TOMLINSON, of Liverpool, in the County of Lancaster, and GEORGE WILLIAM CAMPBELL WILSON, of Liverpool, aforesaid, for an invention for—"Improvements for facilitating the extinguishing of fires in warehouses and other buildings." <i>Provisional protection NOT granted.</i>
BISH. DREDGE. 3rd August 1861.	1924. GEORGE BISH, of High Street, Stratford, in the County of Essex, Engineer, and JAMES DREDGE, of 11, Adam Street, Adelphi, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in forming bends and other forms or parts of non-metallic pipes, and in machinery or apparatus employed for such purposes, part of which improvements are applicable also to the formation of bends or curves in some kinds of metallic pipes." <i>Provisional protection only.</i>
MERRYWEATHER. MERRYWEATHER. 3rd August 1861.	1925. MOSES MERRYWEATHER, of Long Acre, in the County of Middlesex, and RICHARD MOSES MERRYWEATHER, of the same place, Engineers, for an invention for—"Improvements in pumps applicable to steam and other fire engines." <i>Letters Patent sealed.</i>
CROSS. 3rd August 1861.	1926. JANE CROSS, of the City of Manchester, in the County of Lancaster, for an invention for—"Improvements in fastenings for wearing-apparel and in the application thereof." <i>Letters Patent sealed.</i>
JONES. JONES. 3rd August 1861.	1927. GEORGE FOWLER JONES, Architect, York, & JAMES JONES, Architectural Carver, York, for an invention for—"Improvements in apparatus for protecting and arranging water pipes and withdrawing water therefrom, and preventing injury thereto by frost." <i>Letters Patent sealed.</i>
SCHINZ. 3rd August 1861.	1928. CHARLES SCHINZ, of Offenburg, in the Grand Duchy of Baden, Engineer, for an invention for—"Improvements in glass furnaces." <i>Letters Patent sealed.</i>
D'AMÉCOURT. 3rd August 1861.	1929. GUSTAVE LOUIS MARIE VISCOUNT DE PONTON D'AMÉCOURT, of Paris, France, for an invention for—"Improvements in apparatus connected with aerostation." <i>Letters Patent sealed.</i>
HABERT. 3rd August 1861.	1930. PIERRE HABERT, of the Town of Bar-le-duc, in the Empire of France, Practical Engineer, for an invention for—"An improved circular loom for weaving cloths of all kinds either plain or ornamented." <i>Provisional protection only.</i>
HENDERSON. BROADLEY. 3rd August 1861.	1931. JOHN HENDERSON, of Saltaire, near Bradford, in the County of York, Carpet Manufacturer, and JAMES BROADLEY, of the same place, Overlooker, for an invention for—"Improvements in means or apparatus employed in weaving." <i>Letters Patent sealed; specification filed by order.</i>
O'HANLON. 3rd August 1861.	1932. PATRICK O'HANLON, of Nile Street, in the town and County of the Town of Kingston-upon-Hull, Boiler maker, for an invention for—"Improvements in marine and other steam-boilers with reference to economy of fuel." <i>Letters Patent sealed.</i>
VAVASSEUR. 3rd August 1861.	1933. JOSIAH VAVASSEUR, of 28, Gravel Lane, Southwark, in the County of Surrey, Engineer, for an invention for—"A new or improved transportable machine or apparatus for rifling cannon." <i>Patent Letters sealed.</i>
PRINCE. 3rd August 1861.	1934. ALEXANDER PRINCE, of the Office for Patents, 4, Trafalgar Square, Charing Cross, in the County of Middlesex, for an invention for—"Improvements in palate and tooth-plates for dental purposes."— <i>A communication to him from abroad by John Mittelhaus (Court Dentist), resident at Berlin, in the Kingdom of Prussia.</i> <i>Letters Patent sealed.</i>
NEWTON. 3rd August 1861.	1935. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"An improved process for producing coloring matters or pigments from manganese."— <i>A communication to him from abroad by Paul Morin, of N^o. 45, Rue St Sebastian, Paris, in the Empire of France.</i> <i>Provisional protection only.</i>

- LEWIS.
3rd August 1861. 1936. JOSEPH LEWIS, of Rathmines, in the County of Dublin, Lithographic Printer, for an invention for—"Improvements in producing and treating printing surfaces, in producing and preparing transferring surfaces, in transferring in producing impressions on an altered scale, in preparing or treating surfaces of lithographic stones, and in obtaining devices or designs, also in agents and apparatus used in some of such improvements, parts of the invention being also applicable to photography, and to ornamenting pottery, porcelain and glass."
Letters Patent sealed.
- RICHMOND.
CHANDLER.
RITCHIE.
5th August 1861. 1937. FRANCIS RICHMOND, and HENRY CHANDLER, both of Salford, in the County of Lancaster, Agricultural Implement Makers, and WILLIAM BARRY RITCHIE, of Belfast, in the County of Antrim, in Ireland, Merchant, for an invention for—"An improved sack holder."
Letters Patent sealed.
- BURN.
5th August 1861. 1938. CHARLES BURN, of Delahay Street, Westminster, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in the mode of fastening iron armour plates to ships' sides."
Provisional protection only.
- MEYER.
5th August 1861. 1939. HERMANN CHRISTIAN MEYER, of Hoxton, in the County of Middlesex, Engineer, for an invention for—"Improvements in slide valves to regulate or stop the flow of water, steam or other fluid."
Letters Patent sealed.
- FITCH.
5th August 1861. 1940. SAMUEL SHELDON FITCH, Doctor of Medicine, of 16, Upper Seymour Street, Portman Square, in the County of Middlesex, for an invention for—"An improved chest expander."
Provisional protection only.
- JOHNSON.
5th August 1861. 1941. EDWARD DANIEL JOHNSON, of Wilmington Square, in the County of Middlesex, Watch and Chronometer Manufacturer, for an invention for—"An improvement in the construction of centre seconds watches."
Letters Patent sealed.
- POTTER.
5th August 1861. 1942. JOHN POTTER, of Leeds, in the County of York, one of the partners in the firm of Henry Joseph Morton & Co., of the same place, Iron and Wire Fencing Manufacturers, for an invention for—"Certain improvements in the construction of straining pillars or posts for wire or other strained fencing, and in the apparatus to be adapted thereto for straining or tightening the wires or strands."
Letters Patent sealed.
- BROOMAN.
5th August 1861. 1943. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in locks and other fastenings and in keys."—*A communication to him from abroad by Auguste Théodore Baudrit, of Paris, France.*
Letters Patent sealed.
- SEILER.
5th August 1861. 1944. FRÉDÉRIC SEILER, of Paris, in the French Empire, Engineer, for an invention for—"An improved mode of overleaping differential levels, applicable to canals and to other purposes."
Letters Patent sealed.
- MENNONS.
5th August 1861. 1945. MARC ANTOINE FRANÇOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"Improvements in the grates of reverberatory and other metallurgic furnaces."—*A communication from Adolphe Grisard-Vanzuylen, a person resident at Chaudfontaine-les-Liège, in the Kingdom of Belgium.* *Complete specification; Letters Patent sealed.*
- PETIT.
6th August 1861. 1946. JEAN AUGUSTE PETIT, of 17, Red Lion Square, in the County of Middlesex, Watch and Clock Maker, for an invention for—"Improvements in the manufacture of watches and clocks."
Provisional protection only.
- MENNONS.
6th August 1861. 1947. MARC ANTOINE FRANÇOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"An improved odontalgic elixir."—*A communication from Jean Pierre Tajan, a person resident at No. 61, Rue Hauteville, Paris, in the Empire of France.*
Complete specification; Letters Patent sealed.
- GALLOWAY.
GALLOWAY.
WILSON.
6th August 1861. 1948. WILLIAM GALLOWAY, and JOHN GALLOWAY, of the City of Manchester, Engineers, and JOHN WILLIAM WILSON, of Barnsley, in the County of York, Timber Merchant, for an invention for—"Improvements in steam-boilers, and in apparatus connected therewith."
Letters Patent sealed.
- POTTS.
6th August 1861. 1949. GEORGE POTTS, of Edinburgh, in the County of Mid-Lothian, North Britain, Cabinet Maker and Upholsterer, for an invention for—"Improvements in the construction of elastic steel mattresses."
Provisional protection only.

WAPPENSTEIN. 6th August 1861.	1950. RUDOLPH WAPPENSTEIN, of the City of Manchester, in the County of Lancaster, Medallion Engraver, for an invention for—"An improved cop tube and cover for rollers used in spinning, and in apparatus for putting the tubes on the spindles." <i>Letters Patent sealed.</i>
TURNER. DUNNETT. 6th August 1861.	1951. JOHN TURNER, and ROBERT BUCHANAN DUNNETT, of Liverpool, in the County of Lancaster, Stationers and Printers, for an invention for—"Improvements in stamping endorsing and embossing machines." <i>Provisional protection only.</i>
TOLHAUSEN. 6th August 1861.	1952. FREDERICK TOLHAUSEN, Civil Engineer and Patent Agent, of 35, Boulevard Bonne-Nouvelle, Paris, in the Empire of France, for an invention for—"Improved mechanical contrivances increasing the effect of motive-power."— <i>A communication from François Berger, a person resident in the Town of St Etienne, Empire of France.</i> <i>Letters Patent sealed.</i>
MORRAN. 6th August 1861.	1953. JOSEPH MAC MORRAN, of No. 33, Leicester Square, London, in the County of Middlesex, Engineer, for an invention for—"Improvements in the construction of machines for mincing meat and other substances." <i>Letters Patent sealed.</i>
COWPER. 6th August 1861.	1954. EDWARD ALFRED COWPER, of Great George Street, Westminster, in the County of Middlesex, for an invention for—"Improvements in protecting ships of war and land batteries from the effects of projectiles." <i>Provisional protection only.</i>
DAMOISEAU. 6th August 1861.	1955. ALCIDALIS AUGUSTE ROMAIN DAMOISEAU, Manufacturer, of Paris, France, for an invention for—"Improvements in apparatus for drawing blood or other fluids from the human or animal body." <i>Letters Patent sealed.</i>
CLARK. 6th August 1861.	1956. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in bleaching & clarifying saccharine matters and in apparatus for the same."— <i>A communication to him from abroad by Messieurs Edouard Théophile de Gemini, & Edmond Oswald de Gemini, both of 29, Boulevard St. Martin, Paris.</i> <i>Letters Patent sealed.</i>
NEWTON. 6th August 1861.	1957. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improvements in the construction of reversible seats."— <i>A communication to him from abroad by Thomas Rainey, of the City of New York, United States of America.</i> <i>Letters Patent sealed.</i>
SPENCE. MELLOR. 6th August 1861.	1958. PETER SPENCE, of Newton Heath, near Manchester, in the County of Lancaster, Manufacturing Chemist, and JAMES MELLOR, of Manchester, aforesaid, Chemist, for an invention for—"Improvements in separating copper from its ores." <i>Provisional protection only.</i>
SILVESTON. 6th August 1861.	1959. FRANCIS SILVESTON, Watch Manufacturer, of Coventry, in the County of Warwick, for an invention for—"Certain improvements in watches." <i>Letters Patent sealed.</i>
RICHARDS. 7th August 1861.	1960. WILLIAM HENRY RICHARDS, of Newton, in the County of Middlesex, in the State of Massachusetts, of the United States of America, for an invention for—"A new and useful or improved combined knife, fork and spoon for camp or other purposes." <i>Complete specification; Letters Patent sealed.</i>
MILES. 7th August 1861.	1961. DAVID MILES, of Newport, in the County of Monmouth, Builder, for an invention for—"Improvements in the construction of window sashes." <i>Letters Patent sealed.</i>
LESUEUR. 7th August 1861.	1962. NICOLAS ANTOINE LESUEUR, of Paris, Boulevard des Amandiers, No. 78 (Empire of France), Crockery-Ware Manufacturer, for an invention for—"A new system of covering for houses and other buildings and coverings." <i>Letters Patent sealed.</i>
HUGHES. 7th August 1861.	1963. EDWARD THOMAS HUGHES, of the firm of Hughes & Son, Patent Agents, 123, Chancery Lane, London, for an invention for—"An improved wheelbarrow-wagon."— <i>A communication to him from abroad by Jean-Matthieu Rey, Junior, of Tournon, Ardèche, in the Empire of France.</i> <i>Letters Patent sealed.</i>
MENNONS. 7th August 1861.	1964. MARC ANTOINE FRANÇOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"Improvements in certain descriptions of breech-loading fire-arms."— <i>A communication from Alem Rousseau, a person resident at No. 48, Rue Croix des Petits Champs, Paris.</i> <i>Letters Patent sealed.</i>

ROGERS. 7th August 1861.	1965. WILLIAM RODRIGUES ROGERS, of Gray's Inn Road, in the County of Middlesex, Builder, for an invention for—"Improved machinery to be employed in the application of dowels to wood work." <i>Provisional protection only.</i>
WEBB. 7th August 1861.	1966. THOMAS GEORGE WEBB, of Manchester, in the County of Lancaster, Glass Manufacturer, for an invention for—"Improvements in the manufacture of articles of glass." <i>Letters Patent sealed.</i>
VIOLLIER. 7th August 1861.	1967. LOUIS WILLIAM VIOLLIER. U.S. Consul at Lyons, for an invention for—"Improvements in machinery for doubling and twisting yarns and threads, and for manufacturing wire rope."— <i>A communication from Mr. Antoine Ratignez, a person resident at Lyons, France.</i> <i>Letters Patent sealed.</i>
EASTWOOD. EASTWOOD. 8th August 1861.	1968. JOHN EASTWOOD, and THOMAS CHARLES EASTWOOD, both of Marshall Mill, Manchester Road, Bradford, in the County of York, Machine Wollcombers, for an invention for—"A new kind of yarn being a combination of refuse and waste matters of fibrous materials and the said fibrous materials, and the cloth woven therefrom." <i>Letters Patent sealed.</i>
MAILLARD. 8th August 1861.	1969. NICHOLAS DORAN PROBY MAILLARD, of Dublin, in the Kingdom of Ireland, for an invention for—"Improvements in self acting and inexhaustible hydraulic and atmospheric motive-power engines." <i>Letters Patent sealed.</i>
GEDGE. 8th August 1861.	1970. JOHN GEDGE, of the firm of John Gedge and Son, of 11, Wellington-street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"An improved apparatus for beating or threshing grain."— <i>A communication to him from abroad by Monsieur Saint Marc, junior, of Puyle plan, Landes, in the Empire of France.</i> <i>Provisional protection only.</i>
COLDWELL. COLDWELL. 8th August 1861.	1971. JOHN COLDWELL, Scissors Forger, and WILLIAM COLDWELL, Sheep-Shears forger, both of Sheffield, in the County of York, for an invention for—"Improvements in the manufacture of sheep-shears." <i>Provisional protection only.</i>
JUKES. 8th August 1861.	1972. RICHARD JUKES, of Sheffield, in the County of York, Iron Works Manager, for an invention for—"Improvements in puddling-furnaces." <i>Provisional protection only.</i>
HOGG. 8th August 1861.	1973. WILLIAM STRATFORD HOGG, of Rotherhithe Wall, Rotherhithe, in the County of Surrey, for an invention for—"Improvements in the construction of doors, gates and shutters principally applicable for fire proof buildings." <i>Letters Patent sealed.</i>
DE CLERCQ. CHAZELLES. 8th August 1861.	1974. RENIL DE CLERCQ, and EMILE CHAZELLES, of Brussels, in the Kingdom of Belgium, Mechanical Engineers, for an invention for—"Improvements in machinery or apparatus for raising water and other fluids."— <i>Provisional protection only.</i>
BOVILL. 8th August 1861.	1975. GEORGE HINTON BOVILL, of Durnsford Lodge, Wimbledon, in the County of Surrey, for an invention for—"Improvements in ships of war and other vessels, and in the manufacture of armour and other plates of wrought iron." <i>Letters Patent sealed.</i>
NEWTON. 8th August 1861.	1976. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improvements in the construction of sewing-machines."— <i>A communication to him from abroad by William Cleveland Hicks, of Boston, in the United States of America.</i> <i>Letters Patent sealed.</i>
NEWTON. 8th August 1861.	1977. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"An improvement in single thread sewing-machines."— <i>A communication to him from abroad by William Cleveland Hicks, of Boston, in the United States of America.</i> <i>Letters Patent sealed.</i>
LE PAIGE. 8th August 1861.	1978. LOUIS LE PAIGE, of Merxem, near Antwerp, in the Kingdom of Belgium, for an invention for—"Improvements in treating fatty and oily matters obtained from wash-waters to deprive them of their smell." <i>Provisional protection only.</i>
KINSEY. 8th August 1861.	1979. HENRY KINSEY, of the Robin Hood Works, Nottingham, for an invention for—"Improvements in steam-engines and boilers." <i>Letters Patent sealed.</i>
HAYCRAFT. 9th August 1861.	1980. GEORGE HAYCRAFT, of 23, Lombard Street, in the City of London, for an invention for—"Improvements in powder flasks." <i>Letters Patent sealed.</i>

MOTT. 9th August 1861.	1981. ALBERT JULIUS MOTT, of Liverpool, in the County of Lancaster, Wine and Spirit Merchant, for an invention for—"Improvements in apparatus for drawing beer and other liquids from casks and other vessels, and in excluding the air from the liquids in or remaining in the said vessels." <i>Letters Patent sealed.</i>
MOODY. 9th August 1861.	1982. CHARLES PETERS MOODY, of Corton Denham, in the County of Somerset, Gentleman, for an invention for—"Improvements in the construction of gates." <i>Letters Patent sealed.</i>
HEMINGWAY. 9th August 1861.	1983. JAMES HEMINGWAY, of Robert Town, in the County of York, Artist, for an invention for—"Improvements in machinery or apparatus for working coal, ironstone or other minerals." <i>Letters Patent sealed.</i>
VASSIVIERE. 9th August 1861.	1984. LÉONARD VASSIVIERE, of Lyons, in the Department of the Rhone, in the Empire of France, Engineer, for an invention for—"An improved smoke-consuming apparatus." <i>Provisional protection only.</i>
GRIFFIN. GRIFFIN. 9th August 1861.	1985. JOSEPH GRIFFIN, of Walsall, in the County of Stafford, Biscuit Manufacturer, and CHARLES GRIFFIN, of Walsall, aforesaid, Biscuit Manufacturer, for an invention for—"New or improved machinery for the manufacture or cutting of corks and bungs." <i>Provisional protection only.</i>
CHATWIN. 9th August 1861.	1986. HENRY CHATWIN, of Birmingham, in the County of Warwick, Manufacturer of Pearl, Ivory, Tortoise-shell and leather card cases and other ornamental articles, for an invention for—"Certain improvements in the manufacture of card, needle, pin and other cases, and in the application to such articles of a new branch of ornamental art not hitherto applied to such goods." <i>Letters Patent sealed.</i>
NEWTON. 9th August 1861.	1987. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improved machinery for sewing."— <i>A communication to him from abroad by Amasa Howe, of New York, in the United States of America.</i> <i>Letters Patent sealed.</i>
LEE. MACE. 9th August 1861.	1988. CHARLES LEE, and THOMAS KEMP MACE, of Birmingham, in the County of Warwick, Hatters, for an invention for—"An improvement or improvements in backing or covering the backs or foundations of raised and cut piled fabrics." <i>Letters Patent sealed.</i>
GRAY. KERSHAW. CROWTHER. DEAN. 9th August 1861.	1989. JAMES GRAY, of Manchester, in the County of Lancaster, Cotton Spinner, THOMAS KERSHAW, of the same place, Manager, BENJAMIN CROWTHER, of the same place, Mechanic, and ALFRED DEAN, of the same place, Roller Coverer, for an invention for—"Improvements in mules for spinning." <i>Letters Patent sealed.</i>
GODWIN. 9th August 1861.	1990. RICHARD ALFRED GODWIN, of 151, Newport Street, Paradise Street, Lambeth, in the County of Surrey, for an invention for—"Improvements in pumps." <i>Letters Patent sealed.</i>
FALGAS. 9th August 1861.	1991. ADRIEN FERDINAND BENJAMIN FALGAS, of 51, Rue de Malte, Paris, in the Empire of France, for an invention for—"Improvements in the construction of trusses and bandages for hernia, and of hypo-gastric girdles or belts." <i>Letters Patent sealed.</i>
BIRKBECK. 10th August 1861.	1992. GEORGE HENRY BIRKBECK, of the firm of Tongue & Birkbeck, of 34, Southampton Buildings, Chancery Lane, in the County of Middlesex, Patent Agents & Engineers, for an invention for—"Improvements in the construction of tents for military and other purposes."— <i>A communication to him from abroad by François Aristide Chapelle, Louis Caron, and Alexandre Amiot, Manufacturers, of Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
STOCKER. STOCKER. 10th August 1861.	1993. ALEXANDER SOUTHWOOD STOCKER, and ALEXANDER RICHMOND STOCKER, both of Wolverhampton, in the County of Stafford, Manufacturers, for an invention for—"Improvements in the manufacture of horse shoes, boot heels, wheel tyres, rails and safes." <i>Letters Patent sealed.</i>
WILDE. 10th August 1861.	1994. HENRY WILDE, of the City of Manchester, Engineer, for an invention for—"Improvements in electro-magnetic telegraphs and in apparatus connected therewith." <i>Letters Patent sealed.</i>
CLARKE. 10th August 1861.	1995. WILLIAM SAINT THOMAS CLARKE, of Charing Cross, Westminster, in the County of Middlesex, Gentleman, for an invention for—"Improvements in railway breaks." <i>Letters Patent sealed.</i>

SCHNEIDER. CRAWLEY. 10th August 1861.	1996. THEODORE SCHNEIDER, of 74, Horseferry Road, Westminster, and CHARLES EDWARD CRAWLEY, of 17, Gracechurch Street, for an invention for—"Improvements in inlaying wood, ivory and other substances, and in apparatus employed therein." <i>Provisional protection only.</i>
BARCLAY. 10th August 1861.	1997. ANDREW BARCLAY, of Kilmarnock, in the County of Ayr, North Britain, Engineer, for an invention for—"Improvements in machinery or apparatus for raising, lowering or moving heavy bodies." <i>Letters Patent sealed.</i>
WIGZELL. 10th August 1861.	1998. MONTAGUE WIGZELL, of Friars' Green, Exeter, in the County of Devon, for an invention for—"A machine or apparatus for twisting ordinary nails and all other similar driving articles of a parallel or tapered form, and of a plain, fluted, grooved or indented section throughout or in part." <i>Letters Patent sealed.</i>
WIGZELL. 10th August 1861.	1999. MONTAGUE WIGZELL, of Friars' Green, Exeter, in the County of Devon, for an invention for—"Improvements in machinery or apparatus for making plain twisted nails, spiral fluted nails, and other similar driving articles of a twisted or spiral fluted form throughout or in part." <i>Letters Patent sealed.</i>
GREAVES. 12th August 1861.	2000. HUGH GREAVES, of 22, Abingdon Street, in the City of Westminster, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in apparatus to be employed for the water conveyance and delivery of coals and other materials." <i>Provisional protection only.</i>
GARZEND. 12th August 1861.	2001. ANTOINE GARZEND, of 29, Boulevard St. Martin, Paris, Gentleman, for an invention for—"A new or improved apparatus for cutting up and reducing dye and other wood." <i>Letters Patent sealed.</i>
GEDGE. 12th August 1861.	2002. WILLIAM EDWARD GEDGE, of the firm of John Gedge and Son, of No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"Improved breaking apparatus for railway and other vehicles."— <i>A communication to him from abroad by Alfred Tabuteau, of Bordeaux, Gironde, France, Engineer.</i> <i>Letters Patent sealed.</i>
EDWARDS. EDWARDS. 12th August 1861.	2003. WILLIAM EDWARDS, and ELI EDWARDS, both of the City of Coventry, Ribbon Weavers, for an invention for—"Improvements in apparatus connected with railway breaks." <i>Provisional protection only.</i>
SALOMONS. 12th August 1861.	2004. AARON SALOMONS, of Old Change, in the City of London, Manufacturer, for an invention for—"A bodice skirt or a new or improved article of female apparel."— <i>A communication to him from abroad by Gerard Higgins, of New York, United States of America.</i> <i>Letters Patent sealed.</i>
JANKOWSKI. 12th August 1861.	2005. VINCENT JANKOWSKI, of Princes Street, Fitzroy Square, in the County of Middlesex, Designer, for an invention for—"Improvements in apparatus for sawing wood and other substances." <i>Provisional protection only.</i>
ELVANS. 13th August 1861.	2006. JOHN HARRAS ELVANS, of No. 7, Guildford Place, Lower Kennington Lane, in the County of Surrey, for an invention for—"An improved steel busk or stay fastening." <i>Provisional protection only.</i>
HUMPAGE. 13th August 1861.	2007. JOSEPH HUMPAGE, of Balsall Heath, King's Norton, in the County of Worcester, Machinist, for an invention for—"A new or improved reaping and mowing machine." <i>Provisional protection only.</i>
HORNER. 13th August 1861.	2008. JOHN CASPAR HORNER, of Avenue Road, Hammersmith, near the City of London, Consulting Engineer, for an invention for—"Certain improvements in looms for weaving."— <i>A communication to him from abroad by Frederick May, of the firm of Escher, Wyss and Company, of Zurich, in the Republic of Switzerland.</i> <i>Letters Patent sealed.</i>
JACOB. 13th August 1861.	2009. JOSEPH JACOB, of Brünn, in the Empire of Austria, but at present residing in Golden Square (W.), London, in the County of Middlesex, for an invention for—"Improvements in producing on porcelain and other ceramic products, on glass, venetian enamels and on metallic surfaces, designs in colors and in gold, silver and other metals."— <i>A communication to him from abroad by Franz Kosch, of Vienna, in the Empire of Austria.</i> <i>Letters Patent sealed.</i>
LANCASTER. 13th August 1861.	2010. JOHN LANCASTER, of Prince's Street, Bedford Row, in the County of Middlesex, for an invention for—"A new method of producing sand." <i>Provisional protection only.</i>

ANDREW. HORNBY. 13th August 1861.	2011. SAMUEL ANDREW, and STEPHEN HORNBY, of Staley Bridge, in the County of Lancaster, Machinists, for an invention for—"Improvements in machinery or apparatus for opening, cleaning and preparing cotton and other fibrous materials." <i>Letters Patent sealed.</i>
REMY. 13th August 1861.	2012. JACQUES GUILLAUME REMY, of the City of Brussels, in the Kingdom of Belgium, for an invention for—"Improvements in the manufacture of articles of furniture by utilizing certain parts of the cedar tree in such manufacture which have heretofore been considered and treated as waste." <i>Letters Patent sealed.</i>
BINKS. 13th August 1861.	2013. CHRISTOPHER BINKS, of Gray's Inn, in the County of Middlesex, for an invention for—"Improved methods of and apparatuses for treating linseed and other oils and fats." <i>Provisional protection only.</i>
COMMON. 13th August 1861.	2014. NICHOLAS COMMON, of Brighton, in the County of Sussex, Engineer, for an invention for—"Improvements in apparatus applicable to water-closets and urinals." <i>Provisional protection only.</i>
COOPER. 13th August 1861.	2015. BENJAMIN COOPER, of Frome, in the County of Somerset, Woollen Manufacturer, for an invention for—"Improved machinery for spinning and doubling fibrous materials." <i>Letters Patent sealed.</i>
ROBERTSON. 14th August 1861.	2016. WILLIAM ROBERTSON, of the City of Manchester, Mechanician, for an invention for—"Certain improvements in machines for preparing to be spun cotton and other fibrous materials." <i>Provisional protection only.</i>
RIPPINGILLE. 14th August 1861.	2017. EDWARD ALEXANDER RIPPINGILLE, of Prestolee, Farnworth, near the City of Manchester, Gentleman, for an invention for—"Certain improvements in steam-engines." <i>Letters Patent sealed.</i>
COX. 14th August 1861.	2018. NATHANIEL COX, of the City of Chester, Iron Ship Builder, for an invention for—"Improvements in the construction of iron ships, the said improvements relating to the method of attaching or securing bulkheads to the frames or ribs thereof." <i>Provisional protection only.</i>
GEDGE. 14th August 1861.	2019. WILLIAM EDWARD GEDGE, of the firm of John Gedge & Son, of No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in pressing-boards for pressing cloth and other fabrics."— <i>A communication to him from abroad by Edouard Fleury, of Amiens, France, Dyer and Dresser.</i> <i>Provisional protection only.</i>
DURAND. 14th August 1861.	2020. FRANÇOIS DURAND, of Paris, France, Tube Manufacturer, for an invention for—"Improvements in the manufacture of metallic tubes." <i>Provisional protection only.</i>
DAMOISEAU. 14th August 1861.	2021. ALCIDALIS AUGUSTE ROMAIN DAMOISEAU, of Paris, France, for an invention for—"Improvements in kilns for baking bricks, tiles and other similar articles." <i>Provisional protection only.</i>
WAINWRIGHT. 14th August 1861.	2022. GEORGE JAMES WAINWRIGHT, of Dukinfield, in the County of Chester, Manufacturer, for an invention for—"Improvements in certain parts of machinery or apparatus used in preparing and spinning cotton or other fibrous materials." <i>Provisional protection only.</i>
BROOMAN. 14th August 1861.	2023. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in coating wire with copper, silver, gold or other metal or alloy, in order to prevent oxidation."— <i>A communication to him from abroad by Martin Miller, of Vienna, Austria.</i> <i>Provisional protection only.</i>
EDWARDS. 14th August 1861.	2024. EDMUND EDWARDS, of 13, Beaufort Buildings, Strand, London, in the County of Middlesex, for an invention for—"Improvements in machinery or apparatus for separating mineral ores, coal and other substances from impurities." <i>Letters Patent sealed.</i>
SILVESTER. 14th August 1861.	2025. THOMAS SILVESTER, of West Bromwich, in the County of Stafford, Manufacturer, for an invention for—"Improvements in spring balances or weighing-apparatus." <i>Letters Patent sealed.</i>
WILDS. 14th August 1861.	2026. WILLIAM WILDS, of Hertford, in the County of Hertford, Architect and Surveyor, for an invention for—"Improvements in apparatus for ventilating." <i>Letters Patent sealed.</i>

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| BILLING.
14th August 1861. | 2027. JOHN BILLING, of 12, Abingdon Street, Westminster, in the County of Middlesex, for an invention for—"Improvements in stoves." <i>Letters Patent sealed.</i> |
| LEBAUDY.
15th August 1861. | 2028. ADOLPHE LEBAUDY, of 12, Rue de Douai, in Paris, in the Empire of France, for an invention for—"Improvements in towing vessels or boats on rivers."— <i>A communication to him from abroad by Jean François Cail, residing in Paris, in the Empire of France.</i> <i>Provisional protection only.</i> |
| CAREY.
PIERCE.
15th August 1861. | 2029. STEPHEN CAREY, and WILLIAM MORGAN PIERCE, of the Animal Charcoal Works, East Ham, in the County of Essex, for an invention for—"Improvements in apparatus for reburning animal charcoal." <i>Letters Patent sealed.</i> |
| RIVETT.
VICKERS.
HAYES.
15th August 1861. | 2030. JOSEPH CEDRIC RIVETT, Cotton Spinner, JOHN VICKERS, Manager, and SAMUEL HAYES, Overlooker, all of the Prestolee New Mills, Farnworth, near the City of Manchester, for an invention for—"Improvements in machinery and apparatus for spinning and doubling fibrous materials." <i>Provisional protection only.</i> |
| BETHELL.
15th August 1861. | 2031. JOHN BETHELL, of No. 38, King William Street, London, Gentleman, for an invention for—"Improvements in the manufacture from steatite of journals, axle boxes and bearings for machinery, axles and spindles to work in smoking pipes, buttons, crucibles and pots for chemical and smelting purposes, and also of a lubricating compound for railway and other carriages." <i>Letters Patent sealed.</i> |
| MARTIN.
15th August 1861. | 2032. JOHN COWDERY MARTIN, of High Street, Barnes, in the County of Surrey, Naval Architect, for an invention for—"An improvement in treating bones and the manufacture of the products thereof." <i>Letters Patent sealed.</i> |
| WEBLEY.
WEBLEY.
15th August 1861. | 2033. PHILIP WEBLEY, of Birmingham, in the County of Warwick, Manufacturer, and THOMAS WILLIAM WEBLEY, of Birmingham, aforesaid, Manufacturer, for an invention for—"A new or improved elevating rifle sight." <i>Provisional protection only.</i> |
| KAIN.
15th August 1861. | 2034. FRANCIS ALLEN KAIN, of Redhill, Reigate foreign, in the County of Surrey, Operative Chemist, for an invention for—"An improved manufacture of artificial stone or earthenware applicable for bricks, tiles, retorts, railway sleepers and other articles." <i>Provisional protection only.</i> |
| HUTCHINGS.
15th August 1861. | 2035. JOHN THOMAS HUTCHINGS, of Charlton, in the County of Kent, for an invention for—"An improvement in the construction of tennis and racket bats." <i>Provisional protection only.</i> |
| DESBOROUGH.
15th August 1861. | 2036. SPENDLOVE DESBOROUGH, of Noble Street, St. Martin's le Grand, in the City of London, Manufacturer, for an invention for—"Improvements in the manufacture of umbrellas and parasols." <i>Letters Patent sealed.</i> |
| MENARD.
15th August 1861. | 2037. AUGUSTIN FRANÇOIS MENARD, of No. 10, Rue de Strasbourg, in the City of Paris, in the Empire of France, for an invention for—"Improvements in tanning and in the apparatus employed therein."— <i>A communication to him from abroad by Yves Auguste Rehm, residing at Basse Yutz, Department of the Moselle, in the Empire of France, Sugar Baker.</i> <i>Letters Patent sealed.</i> |
| KESSELMAYER.
MELLODEW.
15th August 1861. | 2038. CHARLES WILLIAM KESSELMAYER, of Manchester, in the County of Lancaster, Warehouseman, and THOMAS MELLODEW, of Oldham, in the said County, Manufacturer, for an invention for—"Improvements in the manufacture of velvets and velveteens." <i>Letters Patent sealed.</i> |
| COMBE.
15th August 1861. | 2039. JAMES COMBE, of Belfast, for an invention for—"Improvements in machinery for hackling flax and other fibrous substances." <i>Letters Patent sealed.</i> |
| FAUCHERRE.
15th August 1861. | 2040. JULIAN FAUCHERRE, of Green Terrace, in the County of Middlesex, Engraver, for an invention for—"An improved mode of manufacturing gold dials." <i>Provisional Protection only.</i> |
| CHATTERTON.
15th August 1861. | 2041. RICHARD DOVER CHATTERTON, of Highbury Terrace, in the County of Middlesex, Esquire, for an invention for—"Improvements in transmitting motive-power especially applicable to piston propellers." <i>Provisional protection only.</i> |
| MURCOTT.
HANSON.
15th August 1861. | 2042. THEOPHILUS MURCOTT, and CHARLES HANSON, of the Haymarket, in the County of Middlesex, Gun Makers, for an invention for—"Improvements in breech loading arms." <i>Letters Patent sealed.</i> |

LIVESEY. 16th August 1861.	2043. JOHN LIVESEY, of New Lenton, in the County of Nottingham, Lace Manufacturer, for an invention for—"Improvements in textile fabrics for embroidery, trimmings and other ornamental purposes, and machinery employed in making the fabrics into trimmings." <i>Letters Patent sealed.</i>
NEWTON. 16th August 1861.	2044. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improvements in knitting and in machinery therefor."— <i>A communication to him from abroad by James Green Wilson, of the City of New York, in the United States of America.</i> <i>Provisional protection only.</i>
HILL. 17th August 1861.	2045. HENRY CHEETHAM HILL, of Stalybridge, in the County of Lancaster, Manager, for an invention for—"Improvements in the construction of fire proof buildings." <i>Letters Patent sealed.</i>
SETTLE. 17th August 1861.	2046. THOMAS SETTLE, of Bolton, in the County of Lancaster, Spindle Manufacturer, for an invention for—"A certain improvement in machinery or apparatus employed in preparing cotton, wool, flax and other fibrous substances for spinning." <i>Letters Patent sealed.</i>
SUTTON. 17th August 1861.	2047. ELLIS SUTTON, of Radcliffe, in the County of Lancaster, Cotton Spinner, for an invention for—"Certain improvements in machinery or apparatus for preparing cotton and other fibrous substances for spinning." <i>Letters Patent sealed.</i>
RANDLE. 17th August 1861.	2048. MARY HASTELOW RANDLE, of 22, Ludgate Hill, in the City of London, for an invention for—"An improvement in sous-juppe or under petticoats for distending articles of dress and preserving the shape or form thereof." <i>Provisional protection only.</i>
WALTERS. 17th August 1861.	2049. PHILIP WALTERS, of Wolverhampton, in the County of Stafford, Factor, for an invention for—"Improvements in machinery for cutting, sawing and slicing or planing wood and other substances." <i>Provisional protection only.</i>
COLBURN. 17th August 1861.	2050. ZERAH COLBURN, of N ^o . 15, Tavistock Street, Bedford Square, in the County of Middlesex, Mechanical Engineer, for an invention for—"Improvements in apparatus for heating water intended for the supply of steam-boilers." <i>Provisional protection only.</i>
HART. 17th August 1861.	2051. PLEASANT HART, of Hampton Wick, in the County of Middlesex, for an invention for—"An improvement in mills for grinding." <i>Provisional protection only.</i>
CAUNCE. 17th August 1861.	2052. ROBERT CAUNCE, of the Town and County of the Town of Nottingham, Manager, for an invention for—"Improvements in carding-engines." <i>Provisional protection only.</i>
BENNETT. 19th August 1861.	2053. WILLIAM BENNETT, of 14A, London Street, Paddington, in the County of Middlesex, for an invention for—"A new and improved composition to be used as fuel and in the lighting of fires." <i>Letters Patent sealed.</i>
COLBURN. 19th August 1861.	2054. ZERAH COLBURN, of N ^o . 15, Tavistock Street, Bedford Square, in the County of Middlesex, Mechanical Engineer, for an invention for—"Improvements in the construction of suspension bridges." <i>Provisional protection only.</i>
ROBB. 19th August 1861.	2055. JOHN ROBB, of the City of Aberdeen, North Britain, Merchant, for an invention for—"Improvements in ventilating." <i>Provisional protection only.</i>
SELBY. 19th August 1861.	2056. GEORGE THOMAS SELBY, of Smethwick, in the County of Stafford, Manufacturer, for an invention for—"An improvement in surface condensers." <i>Letters Patent sealed.</i>
CATHELS. 19th August 1861.	2057. EDMUND SMALL CATHELS, of Shrewsbury, in the County of Shropshire, Gas Engineer, for an invention for—"Improvements in compensating gas meters." <i>Letters Patent sealed.</i>
SMITH. 19th August 1861.	2058. WILLIAM HENRY SMITH, formerly of Philadelphia, in the United States of America, but now of London, in the County of Middlesex, M.D., for an invention for—"Improvements in the preparation, application and manufacture of peat." <i>Letters Patent sealed.</i>
GOSSAGE. 19th August 1861.	2059. WILLIAM GOSSAGE, of Widnes, in the County of Lancaster, Chemist, for an invention for—"Improvements in the manufacture of certain kinds of soap and in the construction of apparatus to be used in such manufacture." <i>Letters Patent sealed.</i>

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| <p>FIRTH.
19th August 1861.</p> <p>PEDRICK.
19th August 1861.</p> <p>HARGREAVES.
HARGREAVES.
20th August 1861.</p> <p>INGRAM.
20th August 1861.</p> <p>ROSTAING.
20th August 1861.</p> <p>FITKIN.
20th August 1861.</p> <p>EMES.
20th August 1861.</p> <p>BROOMAN.
20th August 1861.</p> <p>BROOMAN.
20th August 1861.</p> <p>WHITAKER.
JONES.
20th August 1861.</p> <p>WARWICK.
20th August 1861.</p> <p>SOMERVILLE.
20th August 1861.</p> <p>PLATTS.
20th August 1861.</p> <p>SUTTON.
20th August 1861.</p> <p>LAMBERT.
20th August 1861.</p> <p>GYE.
20th August 1861.</p> <p>MUNTZ.
20th August 1861.</p> | <p>2060. WILLIAM FIRTH, of Burley, in the Borough of Leeds, in the County of York, Merchant, for an invention for—"Improvements in machinery for digging or turning up soil, mowing, reaping and other agricultural purposes."
<i>Letters Patent sealed; no specification filed.</i></p> <p>2061. THOMAS PEDRICK, of 5, Park Place, Brixton, in the County of Surrey, Machinist, for an invention for—"Improvements in obtaining and applying water motive-power."
<i>Letters Patent sealed.</i></p> <p>2062. BENJAMIN HARGREAVES, of Burnley, in the County of Lancaster, Pattern Maker, and JOHN HARGREAVES, of the same place, Painter, for an invention for—"Improvements in the valves of steam-engines."
<i>Provisional protection only.</i></p> <p>2063. GEORGE INGRAM, of Old Street, in the County of Middlesex, for an invention for—"Improvements in trams to be used in connection with the wheels of carriages on common roads."
<i>Letters Patent sealed.</i></p> <p>2064. AUGUSTIN SYLVESTER ROSTAING, native of France, but now residing at Dresden, in the Kingdom of Saxony, for an invention for—"Improvements in the construction of spectacles."
<i>Letters Patent sealed.</i></p> <p>2065. WILLIAM FITKIN, of 88, Fleet Street, in the City of London, Dentist, for an invention for—"Improvements in apparatus or instruments for extracting teeth."
<i>Letters Patent sealed.</i></p> <p>2066. HANNAH EMES, of Adelaide Road, Haverstock Hill, in the County of Middlesex, for an invention for—"Improvements in dress fastenings which are also applicable to other purposes."
<i>Letters Patent sealed.</i></p> <p>2067. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improvement in preserving meat and other animal substances."—<i>A communication to him from abroad by Jean Pierre Liès-Bodard, of Strasbourg, France.</i>
<i>Letters Patent sealed.</i></p> <p>2068. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improved steam mill or apparatus for transmitting motive-power."—<i>A communication to him from abroad by Charles Halphen, of Paris, France.</i>
<i>Provisional protection only.</i></p> <p>2069. SAMUEL WHITAKER, of Haverstock Hill, in the County of Middlesex. Electrician, and RALPH AUGUSTINE JONES, of Aylesbury, in the County of Buckingham, Railway Superintendent, for an invention for—"Improvements in operating upon railway signals and in indicating their position by means of electricity."
<i>Letters Patent sealed.</i></p> <p>2070. SAMUEL WARWICK, of Lower Road, Islington, in the County of Middlesex, for an invention for—"An improvement or improvements applicable to concertinas."
<i>Provisional protection only.</i></p> <p>2071. JOHN SOMERVILLE, of Maidstone, in the County of Kent, Gas Engineer, for an invention for—"Improvements in apparatus for drilling and tapping gas and water mains and pipes, and in preventing leakage therefrom."—<i>Letters Patent sealed.</i></p> <p>2072. JAMES PLATTS, of Glasgow, in the County of Lanark, North Britain, Machinist, for an invention for—"Improvements in looms for weaving."
<i>Letters Patent sealed.</i></p> <p>2073. THOMAS SUTTON, Bachelor of Arts, Lecturer on Photography, at King's College, London, for an invention for—"An improved camera for taking photographic portraits and instantaneous pictures."
<i>Letters Patent sealed.</i></p> <p>2074. RICHARD SYDNEY LAMBERT, of White Hall, Clevedon, in the County of Somerset, for an invention for—"An improved 'skipping dipper' or vessel for removing sugar and other liquids from boiling pans."
<i>Letters Patent sealed.</i></p> <p>2075. FREDERICK GYE, of the Royal Italian Opera, Covent Garden, for an invention for—"Improvements in constructing gasometers and gasometer tanks."
<i>Letters Patent sealed.</i></p> <p>2076. GEORGE FREDERICK MUNTZ, of French Walls, Birmingham, for an invention for—"Improvements in sheathing iron ships or vessels."
<i>Letters Patent sealed.</i></p> |
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MUNTZ. 20th August 1861.	2077. GEORGE FREDERICK MUNTZ, of French Walls, Birmingham, for an invention for—"Improvements in apparatus for melting metals." <i>Provisional protection only.</i>
FISHER. 20th August 1861.	2078. NICHOLAS FISHER, of Milton, near Blisworth, Northamptonshire, for an invention for—"Improvements in agricultural implements for grubbing and cultivating land." <i>Letters Patent sealed.</i>
ELLIS. 20th August 1861.	2079. JAMES ELLIS, of 62, Minories, in the City of London, Cork Merchant, for an invention for—"Improvements in means for sizing corks or separating the larger from the smaller sized corks." <i>Letters Patent sealed.</i>
WHEELER. 21st August 1861.	2080. CHARLES ANTHONY WHEELER, of Swindon, Wiltshire, Manufacturer of Pastry Powder, for an invention for—"Improvements in preventing wind draughts at the foot of doors and allowing them to open over carpets or other substances without the use of rising hinges." <i>Letters Patent sealed; no specification filed.</i>
LAMBERT. 21st August 1861.	2081. THOMAS LAMBERT, of Thorncroft Farm, Great Henny, in the County of Essex, for an invention for—"An improved agricultural implement for rolling ridges and furrows or straight work." <i>Provisional protection only.</i>
MASON. 21st August 1861.	2082. WILLIAM MASON, of Liverpool, in the County of Lancaster, Gentleman, for an invention for—"An improved soap."— <i>A communication to him from abroad by Patrick Michael Belton, of New York, United States of America.</i> <i>Provisional protection only.</i>
CLARK. 21st August 1861.	2083. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in optical and illuminating apparatus."— <i>A communication to him from abroad by William Ferdinand Count de Douhet, of 29, Boulevard St Martin, Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
CLARK. 21st August 1861.	2084. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in the construction of buildings whereby to utilize the waste heat passing up the chimnies."— <i>A communication to him from abroad by M^r Léon de Sanges, of 29, Boulevard St Martin, Paris, in the Empire of France, Architect.</i> <i>Provisional protection only.</i>
STEIN. 21st August 1861.	2085. ANDREW STEIN, of Edinburgh, in the County of Mid-Lothian, North Britain, Mechanical Engineer, for an invention for—"Improvements in distillation." <i>Provisional protection only.</i>
SALAMON. 21st August 1861.	2086. NAHUM SALAMON, of N ^o 8, Ludgate Street, in the City of London, Machine Factor, for an invention for—"Attachments or apparatus for sewing-machines."— <i>A communication to him from abroad by Amasa B. Howe, of New York.</i> <i>Letters Patent sealed.</i>
HENNART. 21st August 1861.	2087. AUGUSTE JULES HENNART, of Tournay, Kingdom of Belgium, Manufacturer, for an invention for—"Improvements in smoke consuming grates." <i>Provisional protection only.</i>
MENNONS. 21st August 1861.	2088. MARC ANTOINE FRANÇOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"Certain improvements in presses for lithographic printing."— <i>A communication from M^r. Henri Voirin, a person resident at N^o. 17, Rue Mayet, Paris.</i> <i>Complete specification; Letters Patent sealed.</i>
MURAT. 21st August 1861.	2089. JOSEPH MARIE MURAT, of 51, Rue de Malte, Paris, in the Empire of France, for an invention for—"Improvements in machinery or apparatus for shearing military hat tufts and other similar articles." <i>Letters Patent sealed.</i>
JERVIS. 21st August 1861.	2090. ABIJAH JERVIS, of Coventry, in the County of Warwick, Ribbon Manufacturer, for an invention for—"Improved machinery for the manufacture of pleated, ribbed and looped fabrics." <i>Provisional protection only.</i>
GREEN. MATHERS. 21st August 1861.	2091. THOMAS GREEN, of Smithfield Iron Works, Leeds, in the County of York, and ROBERT MATHERS, of 18, Stoke Newington Green, in the County of Middlesex, Engineer, for an invention for—"Improvements in apparatus for transmitting motion to machinery." <i>Provisional protection only.</i>
GRAHAME. 21st August 1861.	2092. THOMAS GRAHAME, of Worthing, in the County of Sussex, for an invention for—"Improvements in the construction of boats, rafts and other floating structures." <i>Letters Patent sealed.</i>

RICHARDS. 21st August 1861.	2093. WESTLEY RICHARDS, of Birmingham, in the County of Warwick, for an invention for—"Improvements in rifles and projectiles." <i>Letters Patent sealed.</i>
KANE. 21st August 1861.	2094. JAMES KANE, of Templemoyle, near Dungwen, in the County of Londonderry, Ireland, for an invention for—"Improvements in treating flax, hemp and other analogous substances which yield fibres, for the purpose of manufacturing from them fibres adapted to be spun into yarn and thread." <i>Letters Patent sealed.</i>
MAHON. 22nd August 1861.	2095. ARTHUR IRWIN MAHON, of 25, Leinster Square, Rathmines, Dublin, for an invention for—"Improvements in screw or spiral propellers, also applicable to raising and forcing water." <i>Provisional protection NOT granted.</i>
JOHNSON. 22nd August 1861.	2096. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in the preparation of pulp for paper."— <i>A communication to him from abroad by Mademoiselle Jeanne François-Marie de Cassan, and Monsieur Jean Baptiste Meyer, both of Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
SAMUELSON. 22nd August 1861.	2097. BERNHARD SAMUELSON, of Banbury, in the County of Oxford, Engineer, for an invention for—"Improvements in harvesting machines."— <i>The result partly of a communication from abroad made to him by Owen Dorsey, of Matthews Store, Howard County, Maryland, in the United States of America, and partly of an invention and discovery made by himself.</i> <i>Provisional protection only.</i>
LANDSBERG. 22nd August 1861.	2098. EDOUARD LANDSBERG, ainé, of Paris, France, Manufacturer of Small-Wares, for an invention for—"Improvements in porte-robes or buttons for holding up the skirts of ladies' gowns." <i>Provisional protection only.</i>
TELFORD. SANDERS. 22nd August 1861.	2099. RICHARD TELFORD, of Birmingham, in the County of Warwick, Brass founder, and JAMES SANDERS, of Clifton, in the City and County of Bristol, Merchant, for an invention for—"A substitute for castors for furniture." <i>Letters Patent sealed.</i>
CASELLA. 22nd August 1861.	2100. LOUIS MARINO CASELLA, of Hatton Garden, in the County of Middlesex, Optician, for an invention for—"Improvements in mercurial thermometers." <i>Letters Patent sealed.</i>
DOYLE. 22nd August 1861.	2101. THOMAS FRANCIS DOYLE, of 3, Guilford Place, Russell Square, in the County of Middlesex, Engineer, for an invention for—"Improvements in means or apparatus for raising and forcing fluids." <i>Letters Patent sealed.</i>
BAINES. 22nd August 1861.	2102. WILLIAM BAINES, of the London Works, Smethwick, in the County of Stafford, Engineer, for an invention for—"Improvements in the construction of girders, frames or other apparatus fixed or moveable, and for certain peculiar forms or sections of iron used therein." <i>Letters Patent sealed.</i>
RICHARDSON. IRVINE. 22nd August 1861.	2103. THOMAS RICHARDSON, of Newcastle-upon-Tyne, Chemist, and ROBERT IRVINE, of Hurlet, Renfrewshire, Analytical Chemist, for an invention for—"Improvements in the manufacture of paper." <i>Letters Patent sealed.</i>
WHITWORTH. HULSE. 23rd August 1861.	2104. JOSEPH WHITWORTH, and WILLIAM WILSON HULSE, of the City of Manchester, in the County of Lancaster, Engineers, for an invention for—"Improvements in sights for small arms and ordnance, and in fitting apparatus used with small arms." <i>Letters Patent sealed.</i>
BLAKEY. 23rd August 1861.	2105. MILDRED BLAKEY, of Leeds, in the County of York, Engineer, for an invention for—"Improvements in rotary pumps." <i>Provisional protection only.</i>
DUNN. 23rd August 1861.	2106. JOSEPH DUNN, of Alnwick, in the County of Northumberland, for an invention for—"An improvement or improvements in reaping-machines." <i>Provisional protection only.</i>
CHILDS. 23rd August 1861.	2107. AUGUSTUS BRYANT CHILDS, of New Oxford Street, London, Middlesex, for an invention for—"Improvements in means to be employed in the dressing or cracking of millstones."— <i>A communication to him from abroad by David Monroe Childs, of Rochester, New York, United States of America.</i> <i>Letters Patent sealed.</i>
ELSON. 23rd August 1861.	2108. SAMUEL ELSON, of Oldham, in the County of Lancaster Engineer, for an invention for—"Improvements in apparatus for heating the feed water of steam-boilers, superheating steam, and surface condensation." <i>Letters Patent sealed.</i>

PLAYER. 23rd August 1861.	2109. WILLIAM DREDGE PLAYER, of the firm of Iliffe and Player, Brothers, Button Manufacturer, of Birmingham, in the County of Warwick, for an invention for—"Certain improvements in the description of buttons commonly known a linen buttons." <i>Letters Patent sealed.</i>
BROOMAN. 23rd August 1861.	2110. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improved method of treating the hop plant to obtain a material resembling wool."— <i>A communication to him from abroad by Barthélemy Picard, of Nancy, France.</i> <i>Provisional protection only.</i>
INGLE. INGLE. 23rd August 1861.	2111. HENRY INGLE, of Shoe Lane, in the City of London, Engineer, and JAMES INGLE, of Pimlico, in the County of Middlesex, Engineer, for an invention for—"Improvements in printing-machines." <i>Provisional protection only.</i>
EVANS. CONCANEN. 23rd August 1861.	2112. WILLIAM EVANS, of Willow Walk, Bermondsey, Tanner, and EDWARD CONCANEN, of Cheshunt Terrace, Grange Road, Bermondsey, Civil Engineer, both in the County of Surrey, for an invention for—"A new manufacture of pens or writing instruments." <i>Provisional protection only.</i>
BOUSFIELD. 23rd August 1861.	2113. GEORGE TOMLINSON BOUSFIELD, of Loughborough Park, Brixton, in the County of Surrey, for an invention for—"Improvements in apparatus for feeding boilers."— <i>A communication to him from abroad by William Lane Chase, of the City and County of Philadelphia, and State of Pennsylvania, in the United States of America.</i> <i>Letters Patent sealed.</i>
HYAMS. 24th August 1861.	2114. MICHAEL HYAMS, of 55, Bath Street, City Road, in the County of Middlesex, for an invention for—"Improvements in the manufacture of smoking pipes and cigar tubes, and preparing, washing, coating, covering or otherwise impregnating them with aromatic substances in a solid, liquid or aëriform state." <i>Letters Patent sealed.</i>
DRIVER. JESSOP. 24th August 1861.	2115. JEREMIAH DRIVER, of Keighley, in the County of York, Iron Founder, and JOSEPH JESSOP, of Bradford, in the same County, Machine Maker, for an invention for—"Improvements in means or apparatus employed in washing, wringing and mangling fabrics, and in the manufacture of part or parts of such apparatus." <i>Letters Patent sealed.</i>
CLISSOLD. 24th August 1861.	2116. WILLIAM CLISSOLD, of Dudbridge Works, near Stroud, in the County of Gloucester, Patent Machine Manufacturer, for an invention for—"Improved apparatus for oiling wool." <i>Letters Patent sealed.</i>
CRANSTON. 24th August 1861.	2117. JAMES CRANSTON, of Birmingham, in the County of Warwick, Architect, for an invention for—"Improvements in the construction of conservatories, orchard houses and other horticultural erections, which improvements are also applicable to the covering of areas such as are used for drill sheds, markets, railway sheds, colonists' and army huts, and many other similar purposes." <i>Letters Patent sealed.</i>
COATHUPE. 24th August 1861.	2118. HENRY BENTINCK COATHUPE, of the Junior United Service Club, Saint James's, in the County of Middlesex, Esquire, for an invention for—"Improvements in timekeepers." <i>Letters Patent sealed.</i>
MENNONS. 26th August 1861.	2119. MARC ANTOINE FRANÇOIS MENNON, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"Improvements in the propulsion and steering of ships or vessels, and in the construction and arrangement of the machinery connected therewith."— <i>A communication from Pierre Louis Timothée Thier, a person resident at No. 39, Passage Choiseul, Paris.</i> <i>Complete specification; Letters Patent sealed.</i>
JONES. 26th August 1861.	2120. ROBERT WATKIN JONES, of Glenbrook Baths and Hotel, in the County of Cork, for an invention for—"Improvements in heating and ventilating especially applicable to Turkish baths." <i>Letters Patent sealed.</i>
CLARK. 26th August 1861.	2121. JOHN CLARK, of Glasgow, in the County of Lanark, North Britain, Stationer, for an invention for—"Improvements in the manufacture of envelopes and other covers, and in part applicable to the gumming of sheets of paper." <i>Provisional protection only.</i>
NELSON. CARR. HARRISON. 26th August 1861.	2122. HENRY NELSON, of the City of Manchester, Machine Maker, JAMES CARR, of Blackburn, Manager, and GEORGE HARRISON, of Burnley, Overlooker, all in the County of Lancaster, for an invention for—"Improvements in self acting mules for spinning cotton and other fibrous materials." <i>Letters Patent sealed and specification filed by order.</i>

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| <p>NYE.
26th August 1861.</p> <p>LECHÈNE.
NATHAN.
26th August 1861.</p> <p>FIELD.
26th August 1861.</p> <p>TOLHAUSEN.
26th August 1861.</p> <p>TOLHAUSEN.
26th August 1861.</p> <p>HADDAN.
MINASI.
26th August 1861.</p> <p>NEWTON.
26th August 1861.</p> <p>ATTWOOD.
26th August 1861.</p> <p>COLBURN.
27th August 1861.</p> <p>PELTIER.
27th August 1861.</p> <p>PATUREAU.
27th August 1861.</p> <p>SMITH.
SMITH.
27th August 1861.</p> <p>AZÉMAR.
27th August 1861.</p> <p>FONDU.
27th August 1861.</p> | <p>2123. GEORGE NYE, of No. 18, Mount Street, Lambeth, in the County of Surrey, Surgical Instrument Maker, for an invention for—"Improvements in apparatus for administering injection in a continuous stream, also applicable as an eye douche and other purposes."
<i>Letters Patent sealed.</i></p> <p>2124. AUGUSTE LECHÈNE, of 9, Stanhope Street, Hampstead Road, in the County of Middlesex, and CHARLES NATHAN, of 17, Westmoreland Street, Pimlico, in the same County, for an invention for—"Improvements in the manufacture of ladies' collars, cuffs or other ornamental articles for dress or furniture, to imitate such articles made of lace or embroidery."
<i>Letters Patent sealed.</i></p> <p>2125. JOHN LYON FIELD, of Colton Haverthwaite, near Newton in Cartmel, Lancashire, for an invention for—"Improvements in the construction of armour plates and in their application to ships and batteries."
<i>Letters Patent sealed.</i></p> <p>2126. FREDERICK TOLHAUSEN, Civil Engineer and Patent Agent, of No. 35, Boulevard Bonne-Nouvelle, Paris, in the Empire of France, for an invention for—"A new kind of artificial fur to be made by means of the jacquard or other loom with silk or other textile material."—<i>A communication from Antoine Denis, and Adolphe Mottet, two persons resident at No. 35, Boulevard Bonne Nouvelle, Paris, France.</i>
<i>Letters Patent sealed.</i></p> <p>2127. FREDERICK TOLHAUSEN, Civil Engineer and Patent Agent, of No. 35, Boulevard Bonne-Nouvelle, Paris, in the Empire of France, for an invention for—"A new and economical method of producing dynamic electricity thereby obtaining useful chemical compounds."—<i>A communication from Jean Baptiste Théodore Rousse, Professor, a person resident at the Imperial Lyceum, St Etienne, France.</i>
<i>Provisional protection only.</i></p> <p>2128. JOHN COOPE HADDAN, of Bessborough Gardens, Pimlico, in the County of Middlesex, Civil Engineer, and CARLO MINASI, of St James Terrace, Camden Town, in the said County, Professor of Music, for an invention for—"Improvements in the manufacture of projectiles and of cartridges."
<i>Provisional protection only.</i></p> <p>2129. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improved machinery for filtering liquids, decolorizing saccharine and other juices, and rectifying alcoholic liquors."—<i>A communication to him from abroad by Horatio Nelson Fryatt, of Belleville, New Jersey, United States of America.</i>
<i>Provisional protection only.</i></p> <p>2130. HENRY ATTWOOD, of Wapping Wall, in the County of Middlesex, Engineer, for an invention for—"Improvements in cleansing and in feeding boilers."
<i>Letters Patent sealed.</i></p> <p>2131. ZERAH COLBURN, of No. 15, Tavistock Street, Bedford Square, in the County of Middlesex, Mechanical Engineer, for an invention for—"Improvements in the arrangement and combination of high and low pressure steam-engines."
<i>Provisional protection only.</i></p> <p>2132. EMILE PELTIER, of Paris, France, Manufacturer, for an invention for—"Improvements in the manufacture of metallic boxes and in machinery employed therein."
<i>Letters Patent sealed.</i></p> <p>2133. LOUIS MARIE FRANÇOIS PATUREAU, of Paris, France, Gentleman, for an invention for—"An improved thread protecting clew-box."
<i>Letters Patent sealed.</i></p> <p>2134. JOSEPH SMITH, and WILLIAM SMITH, both of Keighley, in the County of York, Machine Makers, for an invention for—"Improvements in spindles and flyers used in machinery for spinning and twisting fibrous substances."
<i>Provisional protection only.</i></p> <p>2135. JOHN CHRISTOPHER CAESAR AZÉMAR, of 40, Mark Lane, in the City of London, for an invention for—"The Manufacture of an instrument to facilitate the practice of the drum."
<i>Letters Patent sealed.</i></p> <p>2136. JEAN BAPTISTE FONDU, of Lodolinsart, in the Kingdom of Belgium, Civil Engineer, for an invention for—"Improvements in the construction of fire-grates for steam and other boilers, and suitable to all kinds of fires."
<i>Letters Patent sealed and specification filed by order.</i></p> |
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JOHNSON. 27th August 1861.	2137. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in dampers for stamping purposes."— <i>A communication to him from abroad by Joseph Isidore Morel, Postmaster, and Jules Lirondelle, Lamp Manufacturer, both of Peronne, in the Empire of France.</i> <i>Provisional protection only.</i>
BROOMAN. 27th August 1861.	2138. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in the construction of temples or stretching rollers for looms."— <i>A communication to him from abroad by Julien Paty, of Bernouville, Eure, France.</i> <i>Provisional protection only.</i>
HART, LAVENDER. 27th August 1861.	2139. JOHN MATTHIAS HART, of 76, Cheapside, in the City of London, and ROBERT LAVENDER, of 2, Acacia Cottages, New Road, Hornsey, both in the County of Middlesex, for an invention for—"Improvements in handles or knobs of locks and latches, and in the means of applying them." <i>Letters Patent sealed.</i>
GRANGER. 28th August 1861.	2140. ARTHUR GRANGER, of Holborn, in the County of Middlesex, Stationer, an invention for—"Improvements in the manufacture of shirt collars and fronts, wristbands or cuffs, neck ties or other similar articles of wearing-apparel." <i>Letters Patent sealed.</i>
RONALD. 28th August 1861.	2141. JAMES RONALD, of Liverpool, in the County of Lancaster, Merchant, for an invention for—"Improvements in machinery for dressing hemp, flax, manilla and other like long fibrous material." <i>Letters Patent sealed.</i>
BROWNE. 28th August 1861.	2142. BENJAMIN BROWNE, of N ^o . 52, King William Street, in the City of London, Civil Engineer and Patent Agent, for an invention for—"An improved process and apparatus for concentrating ores or tailings or separating pulverized mineral substances of different kinds or qualities from each other."— <i>A communication to him from abroad by Henry Eberhard Roeder, of N^o. 363, Broadway, New York, in the United States of America, Engineer.</i> <i>Letters Patent sealed.</i>
GUINNESS. 28th August 1861.	2143. WILLIAM STUART GUINNESS, of New York, in the United States of America, for an invention for—"Improvements in sewing-machines." <i>Letters Patent sealed.</i>
BRAY. 28th August 1861.	2144. THOMAS BRAY, of Dewsbury, in the County of York, for an invention for—"Improvements in ornamenting wood in imitation of inlaid work." <i>Provisional protection only.</i>
CARPENTER. 28th August 1861.	2145. SAMUEL CARPENTER, of High Street, Banbury, Oxon, for an invention for—"Improvements in the construction of carriage wheels." <i>Provisional protection only.</i>
DUNCAN. 28th August 1861.	2146. JAMES DUNCAN, of Greenock, in the County of Renfrew, North Britain, Sugar Refiner, for an invention for—"Improvements in the manufacture of sugar and in the apparatus employed therein, also in the apparatus employed in reburning animal charcoal." <i>Letters Patent sealed; no specification filed.</i>
THEILER. 28th August 1861.	2147. MEINRAD THEILER, of Einsiedeln, in the Republic of Switzerland, Engineer, for an invention for—"Improvements in type printing telegraphs." <i>Provisional protection only.</i>
CORBETT. 29th August 1861.	2148. SAMUEL CORBETT, of Park Street Works, Wellington, in the County of Salop, Agricultural Implement Manufacturer, for an invention for—"Improvements in mills for crushing and grinding mineral and vegetable substances, and for hulling or shelling beans and oats and other grain and seeds." <i>Letters Patent sealed.</i>
HARDING. 29th August 1861.	2149. JOHN HARDING, of the City of Manchester, in the County of Lancaster, Manufacturing Clothier, for an invention for—"An improved inverness cape." <i>Provisional protection only.</i>
LOVE. 29th August 1861.	2150. JOHN LOVE, of Lower Brook Street, Grosvenor Square, in the County of Middlesex, Surgeon, for an invention for—"An improved signal."— <i>A communication to him from abroad by Robert Harvey, of Lonsdale Street West, in the City of Melbourne, Victoria.</i> <i>Provisional protection only.</i>
JANVIER. 29th August 1861.	2151. VICTOR ALEXANDRE JANVIER, of Wilton Square, New North Road, in the County of Middlesex, die sinker, for an invention for—"Improvements in fastenings for gloves, belts and other articles." <i>Provisional protection only.</i>

- JEWELL.**
29th August 1861. 2152. PHILIP JEWELL, of Bond Street, Brighton, Musical Instrument Maker, for an invention for—"Improvements in concertinas." *Letters Patent sealed.*
- NEWTON.**
29th August 1861. 2153. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improved machinery for cleaning rice and other grain."—*A communication to him from abroad by Albert Hubbell Wright, of New York, in the United States of America.* *Letters Patent sealed.*
- PENROSE.**
30th August 1861. 2154. ROBERT PENROSE, of Coley Mill, near Halifax, in the County of York, Machinist, for an invention for—"Improvements in screw stocks and dies."—*A communication to him from abroad by John Peace, of Reading, Pennsylvania, United States of America.* *Provisional protection only.*
- OWEN.**
30th August 1861. 2155. LEMUEL DOW OWEN, of 481, New Oxford Street, in the County of Middlesex, for an invention for—"Improvements in ploughs."—*A communication to him from abroad by Martin Buck, of Lebanon, New Hampshire, United States, Engineer.* *Provisional protection only.*
- SHAW.**
30th August 1861. 2156. ROBERT SHAW, of Portlaw, in the County of Waterford, in Ireland, Cotton Spinner and Manufacturer, for an invention for—"Improvements in windlasses, capstans and other machinery for hoisting and lowering weights." *Letters Patent sealed.*
- DAUMONT.**
30th August 1861. 2157. ADRIEN JEAN DAUMONT, of Paris, France, for an invention for—"An improved umbrella." *Provisional protection only.*
- PLUCHART.**
30th August 1861. 2158. STANISLAS PLUCHART, of Paris, France, Chemist, for an invention for—"An improved beverage called 'Moka-beer.'" *Provisional protection NOT granted.*
- JAILLE.**
30th August 1861. 2159. ALEXANDRE JAILLE, of Agen, in the department of the Lot et Garonne, in the Empire of France, Merchant, for an invention for—"An improved manufacture of manure." *Letters Patent sealed.*
- GEDGE.**
30th August 1861. 2160. WILLIAM EDWARD GEDGE, of the firm of John Gedge and Son, of No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in thrashing-machines."—*A communication to him from abroad by Jean Florent Dussol, of Saint Lys, Haute Garonne, France, Cabinet Maker.* *Provisional protection only.*
- SPENCER.**
30th August 1861. 2161. HENRY WILLIAM SPENCER, of Stepney Causeway, Commercial Road, County of Middlesex, Oil Manufacturer, for an invention for—"Improvements in the manufacture of animal oils, the said improvements relating more particularly to the processes of refining them to be used for lubricating purposes." *Letters Patent sealed.*
- MATTHEWS.**
30th August 1861. 2162. JAMES SIMMONS MATTHEWS, of Moore Cottage, Bowling Green Street, Kennington Park, in the County of Surrey, for an invention for—"Improvements in the manufacture and preparation of starch and in the apparatus employed therein." *Letters Patent sealed.*
- HARRIS.**
30th August 1861. 2163. JAMES HARRIS, of Hanwell, in the County of Middlesex, Engineer, for an invention for—"Improvements in stopping or retarding railway and other carriages and trains, locomotive and stationary engines and machinery, together with apparatus employed therein, which apparatus is applicable to the raising and lowering of weights and other purposes for which power is required." *Letters Patent sealed.*
- LECAUDEY.**
30th August 1861. 2164. HIPPOLYTE LECAUDEY, residing usually at Paris, in the Empire of France, but now of No. 11, Wellington Street, Strand, in the County of Middlesex, Merchant, for an invention for—"Improved apparatus for succouring persons interred before life is extinct."—*A communication from Raymond Maleville, a person resident at Bordeaux, in the Empire of France, Merchant.* *Provisional protection only.*
- WORMS.**
WARBURTON.
30th August 1861. 2165. CHARLES WORMS, of Bradford, in the County of York, Merchant, and JAMES WARBURTON, of the same place, Spinner, for an invention for—"Improvements in treating animal fibre recovered from rags composed of mixed animal and vegetable fibre." *Provisional protection only.*
- BISHOP.**
30th August 1861. 2166. JAMES BISHOP, of No. 1A, Gloucester Street, Camden Town, in the County of Middlesex, Gentleman, for an invention for—"Improvements in the manufacture or weaving of velvet or pile fabrics made entirely or partially of silk, and in looms used for that purpose." *Letters Patent sealed.*

BRAND. 30th August 1861.	2167. HENRY BRAND, of Guildford Place, Clerkenwell, in the County of Middlesex, Mattress Maker, for an invention for—"Improvements in mattresses formed with springs." <i>Provisional protection only.</i>
CLARK. 30th August 1861.	2168. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in shirts and chemises."— <i>A communication to him from abroad by Madame Sénécal, formerly Marguerite Edile Guébin, of 29, Boulevard Saint Martin, Paris.</i> — <i>Letters Patent sealed.</i>
HENSMAN. HENSMAN. 31st August 1861.	2169. WILLIAM HENSMAN, of Woburn, in the County of Bedfordshire, and WILLIAM HENSMAN, the younger, of Linsdale, in the County of Buckinghamshire, Agricultural Engineers, for an invention for—"Improvements in apparatus for tilling land by steam power." <i>Letters Patent sealed; no specification filed.</i>
KEACH. 31st August 1861.	2170. HENRY KEACH, Artist in Design, 16, Bedford Terrace, Andover Road, Holloway, in the County of Middlesex, for an invention for—"An improvement in the ornamentation of woven and other fabrics for garments and parts of garments." <i>Provisional protection only.</i>
TAYLOR. 31st August 1861.	2171. PETER TAYLOR, of the City Road, Hulme, in the City of Manchester, Engineer, for an invention for—"Improvements in apparatus for removing the sediment from and preventing incrustation in steam-boilers."— <i>Letters Patent sealed.</i>
JONES. 31st August 1861.	2172. THOMAS MORETON JONES, of Great Pulteney Street, in the County of Middlesex, Mechanician, for an invention for—"Improvements in apparatus for suspending and turning meat, fowls and such like articles for roasting." <i>Letters Patent sealed.</i>
SOUTHWOOD. 31st August 1861.	2173. WILLIAM SOUTHWOOD, of No. 7, Barkham Terrace, St George's Road, in the Parish of Lambeth, in the County of Surrey, Civil Engineer, for an invention for—"An improved method of making boots and shoes or of parts thereof." <i>Provisional protection only.</i>
PEMBERTON. 31st August 1861.	2174. CHARLES PEMBERTON, of Deptford, in the County of Kent, Engineer, for an invention for—"Improvements in railway, ship and other signals." <i>Letters Patent sealed.</i>
COPPLE. COPPLE. 31st August 1861.	2175. JOHN COPPLE, and EDWARD COPPLE, both of Eccleston, near Prescot, in the County of Lancaster, Watch Movement Manufacturers, for an invention for—"Improvements in apparatus to prevent over winding at coal and other mines." <i>Provisional protection only.</i>
HUGHES. 31st August 1861.	2176. EDWARD JOSEPH HUGHES, of the firm of Hughes and Son, Patent Agents, 123, Chancery Lane, London, for an invention for—"An improved apparatus for collecting the gases which escape from furnaces."— <i>A communication to him from abroad by M^r Emil Langen, of Siegburg, in the Kingdom of Prussia, Engineer.</i> <i>Provisional protection only.</i>
JONES. 31st August 1861.	2177. JOHN JONES, of 55, North John Street, Liverpool, in the County of Lancaster, Tailor and Draper, for an invention for—"Improvements in clasps or fastenings for garments, belts, harness and like articles." <i>Letters Patent sealed.</i>
GILBEE. 31st August 1861.	2178. WILLIAM ARMAND GILBEE, of No. 4, South Street, Finsbury, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in the process and apparatus for the manufacture of steel."— <i>A communication to him from abroad by Jules Paulis, of Brussels, in the Kingdom of Belgium.</i> <i>Provisional protection only.</i>
DUNLOP. 31st August 1861.	2179. JOHN MACMILLAN DUNLOP, of Manchester, Engineer, for an invention for—"Improvements in cleansing cotton seeds and in machinery used for such process." <i>Letters Patent sealed.</i>
FOX. 31st August 1861.	2180. WILLIAM FOX, residing at Amiens, France, Manufacturer, for an invention for—"Improvements in parasols and umbrellas."— <i>A communication to him by M^r Gabriel Emile Charageat, residing in Paris, 19, Boulevard des Italiens.</i> — <i>Letters Patent sealed.</i>
SIEMENS. 31st August 1861.	2181. CHARLES WILLIAM SIEMENS, of 3, Great George Street, Westminster, in the County of Middlesex, for an invention for—"Improvements in apparatus employed in connection with electric telegraphs, part of which improvements are also applicable to ascertain the heat in inaccessible places."— <i>The result partly of a communication from abroad made to him by Werner Siemens, of Berlin, in the kingdom of Prussia, and partly of an invention and discovery made by himself.</i> <i>Provisional protection only.</i>

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| CURTIS.
31st August 1861. | 2182. FREDERICK CURTIS, of Bilston, in the County of Stafford, shoe-manufacturer, for an invention for—"Improvements in forming or shaping the tops or upper parts of boots from woollen or mixed fabrics." <i>Provisional protection only.</i> |
| GORANSSON.
31st August 1861. | 2183. GÖRAN FREDERICK GÖRANSSON, of Gefle, in the Kingdom of Sweden, Iron Master, for an invention for—"Improvements in the manufacture of tyres for railway wheels and in the apparatus employed therein, part of the said improvements being applicable to the consolidating or rendering homogeneous iron and steel for other purposes." <i>Provisional protection only.</i> |
| STOCK.
STOCK.
TAYLOR.
2nd September 1861. | 2184. THOMAS SHUTT STOCK, and JOSEPH SHARP STOCK, and HENRY TAYLOR, all of Birmingham, in the County of Warwick, Manufacturers and Copartners, for an invention for—"A new or improved tap or stop cock."— <i>A communication to them from abroad by Allen Hill, of New Orleans, in the United States of America.</i>
<i>Letters Patent sealed.</i> |
| CLARK.
2nd September 1861. | 2185. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in signal apparatus applicable for the prevention of railway train collisions."— <i>A communication to him from abroad by M^r Antoine Grivel, junior, of 29, Boulevard St. Martin, Paris, Civil Engineer.</i>
<i>Letters Patent sealed.</i> |
| MÜLLER.
2nd September 1861. | 2186. WILLIAM MÜLLER, of 62, High Holborn, in the County of Middlesex, Artist's Colorman, for an invention for—"Improvements in apparatus for roasting coffee, which improvements are also applicable to the roasting of cocoa and other vegetable matters." <i>Letters Patent sealed.</i> |
| HALL.
2nd September 1861. | 2187. JOSEPH HALL, of Oldham, in the County of Lancaster, Engineer, for an invention for—"Improvements in portable pumps or engines for extinguishing fires and other purposes." <i>Letters Patent sealed.</i> |
| WATSON.
2nd September 1861. | 2188. JOHN WATSON, of Glasgow, in the County of Lanark, North Britain, Engineer, for an invention for—"Improvements in furnaces."— <i>Letters Patent sealed.</i> |
| ALCAN.
2nd September 1861. | 2189. EMILE ALCAN, of Coleman Street Buildings, in the City of London, Merchant, for an invention for—"Improvements in machinery for carding and combing wool and other filamentous substances."— <i>A communication to him from abroad by Celestin Martin, of Forge Thiry, lez Verviers, Belgium.</i>
<i>Letters Patent sealed.</i> |
| SALERES.
2nd September 1861. | 2190. ALPHONSE NICOLAS SALERES, of N ^o . 170, Rue de Charonne, in the City of Paris, in the Empire of France, Paper Manufacturer, for an invention for—"Improvements in printing and coloring paper, chintz and other fabrics, and machinery or apparatus for that purpose." <i>Letters Patent sealed.</i> |
| KNIGHT.
2nd September 1861. | 2191. GEORGE KNIGHT, of Foster Lane, in the City of London, for an invention for—"Improvements in giving lustre to written and printed letters, figures and devices." <i>Provisional protection only.</i> |
| CAMPION.
JOHNSON.
2nd September 1861. | 2192. WILLIAM CAMPION, and HENRY JOHNSON, both of the town and county of the town of Nottingham, Sewing and Stitching Machine Manufacturers, for an invention for—"Improvements in machinery or apparatus for cutting the selvages or edges of knitted or other fabrics while being stitched." <i>Letters Patent sealed.</i> |
| WARD.
3rd September 1861. | 2193. DANIEL WARD, of Beaminster, in the County of Dorset, Enginner and Iron founder, for an invention for—"Improved machinery for twisting and laying flax, hemp and other fibrous materials." <i>Letters Patent sealed.</i> |
| GRESHAM.
3rd September 1861. | 2194. JAMES GRESHAM, of the City of Manchester, in the County of Lancaster, Engineer, for an invention for—"Improvements in mechanism or apparatus for facilitating the stopping and starting of omnibuses and other vehicles." <i>Provisional protection only.</i> |
| SUCKOW.
HABEL.
3rd September 1861. | 2195. EDMUND SUCKOW, and EDWARD HABEL, of Oldham, in the County of Lancaster, Engineers, for an invention for—"Improvements in machinery or apparatus for producing a strong blast or current of air." <i>Letters Patent sealed.</i> |
| ROBERTSON.
3rd September 1861. | 2196. PATRICK ROBERTSON, of Sun Court, Cornhill, in the City of London, for an invention for—"Improvements in treating yeast and in the manufacture of ammoniacal salts and a substitute for animal charcoal." <i>Provisional protection only.</i> |

BISCHOF. 3rd September 1861.	2197. GUSTAV BISCHOF, junior, of Swansea, for an invention for—"Improvements in extracting copper and silver from ores containing those metals."— <i>The result partly of a communication from abroad made to him by Dr Gustav Bischof, senior, professor of Chemistry and Technology, at the University of Bonn, Prussia, and partly of invention and discovery made by himself.</i> Letters Patent sealed.
WHITE. 4th September 1861.	2198. ARCHIBALD WHITE, of Great Missenden, in the County of Buckingham, Gentleman, for an invention for—"An improved apparatus for stopping railway trains." Provisional protection only.
SCOTT. 4th September 1861.	2199. THOMAS SCOTT, of Newcastle, in the County of Down, Ireland, for an invention for—"Improvements in the construction of roadways." Provisional protection only.
BROOMAN. 4th September 1861.	2200. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"A new or improved parachute toy."— <i>A communication to him from abroad by Gustave Tautain, of Paris, France.</i> Provisional protection only.
NEWTON. 4th September 1861.	2201. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in self acting brakes applicable to railway or locomotive engines and carriages."— <i>A communication to him from abroad by Léon Isidore Molinos, of No. 45, Rue St. Sebastien, Paris, Engineer.</i> Letters Patent sealed.
BODMER. 4th September 1861.	2202. LOUIS RUDOLPH BODMER, of 2, Thavies Inn, Holborn, in the City of London, for an invention for—"Improvements in distilling-apparatus."— <i>A communication to him from abroad by Edme Alfred Egrot, of Paris, in the Empire of France, Manufacturer of Distilling-Apparatus.</i> Letters Patent sealed.
SCHNEIDER. 4th September 1861.	2203. FRANÇOIS EUGÈNE SCHNEIDER, Gunsmith, of No. 13, Rue Gaillon, Paris, for an invention for—"Improvements in cartridges for breach-loading fire arms and in the machinery for manufacturing the same." Letters Patent sealed.
BAYLEY. HARRISON. BRIGGS. PARKER. 5th September 1861.	2204. JAMES KIRKMAN BAYLEY, of Bolton-le-Moors, in the County of Lancaster, Cotton Spinner, THOMAS HARRISON, of the same place, Carder, WILLIAM BRIGGS, of the same place, Manager, and ROBERT PARKER, of Atherton, in the County of Lancaster, Spindle and Flyer Manufacturer, for an invention for—"Improvements in machinery for preparing and spinning cotton and other fibrous materials." Letters Patent sealed; no specification filed.
YOUNG. 5th September 1861.	2205. HENRY YOUNG, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"Improvements in counter or pillar beer engines." Provisional protection only.
M'CONNEL. 5th September 1861.	2206. ROBERT M'CONNEL, of Glasgow, in the County of Lanark, North Britain, Ironfounder, for an invention for—"Improvements in locks." Letters Patent sealed.
ROWAN. HORTON. 5th September 1861.	2207. JOHN MARTIN ROWAN, and THOMAS ROGERS HORTON, both of Glasgow, in the County of Lanark, North Britain, Engineers, for an invention for—"Improvements in steam-boilers and surface condensers." Letters Patent sealed.
EDKINS. 5th September 1861.	2208. CHARLES EDKINS, Button Manufacturer, of Birmingham, in the County of Warwick, for an invention for—"Certain improvements in ladies' dress suspenders." Letters Patent sealed.
RIDGES. BARKER. 5th September 1861.	2209. JOHN EDWARD RIDGES, Coach Builder, of Wolverhampton, in the County of Stafford, and JAMES BARKER, Coach body Maker, of Birmingham, in the County of Warwick, for an invention for—"Certain improvements in composite carriages for funeral and other purposes." Letters Patent sealed.
HEYWORTH. HEYWORTH. 5th September 1861.	2210. DANIEL HEYWORTH, of Featherstall Mill, Littleborough, in the County of Lancaster, Manager, and JOHN HEYWORTH, of the City of Manchester, in the said County, Manager, for an invention for—"Certain improvements in looms for weaving." Provisional protection only.
EFFERTZ. 5th September 1861.	2211. PETER EFFERTZ, of the City of Manchester, in the County of Lancaster, Engineer, for an invention for—"Improvements in machinery or apparatus for making bricks, tiles, drain pipes and other similar articles." Letters Patent sealed.

- PENSAM.
5th September 1861. 2212. JOHN TAYLOR PENSAM, of N^o. 55, Stamford Street, Blackfriars, in the County of Surrey, for an invention for—"Improvements in wheels for facilitating the progress of carriages on common roads, and in the means of propelling the same." *Provisional protection only.*
- BENNETT.
5th September 1861. 2213. FREDERICK BENNETT, of Upper Works, Bagillt, in the County of Flint, Manager, for an invention for—"An improved method of coating the interior surface of lead and lead composition pipes with tin or its alloys." *Letters Patent sealed.*
- PATEY.
RICHARDSON.
5th September 1861. 2214. WILLIAM PATEY, junior, of Lombard Street, in the City of London, Perfumer, and JAMES RICHARDSON, of Brewer Street, Clerkenwell, in the County of Middlesex, Brush Maker, for an invention for—"Improvements in the manufacture of shaving brushes." *Provisional protection only.*
- SCOTT.
5th September 1861. 2215. THOMAS SCOTT, of Newcastle, in the County of Down, Ireland, for an invention for—"Improvements in apparatus for utilizing the surplus momentum of railway trains and other moving bodies, and the waste and surplus power of locomotive and other engines." *Provisional protection only.*
- NAPIER.
5th September 1861. 2216. JOHN NAPIER, of Glasgow, in the County of Lanark, North Britain, Engineer, for an invention for—"Improvements in the manufacture of armour plates for the protection of vessels of war, floating or other batteries." *Provisional protection only.*
- NAPIER.
5th September 1861. 2217. JOHN NAPIER, of Glasgow, in the County of Lanark, North Britain, Engineer, for an invention for—"Improvements in apparatus for cooling the water employed for condensing steam or other purposes." *Provisional protection only.*
- NAPIER.
5th September 1861. 2218. JOHN NAPIER, of Glasgow, in the County of Lanark, North Britain, Engineer, for an invention for—"Improvements in machinery for rolling iron or other metals." *Provisional protection only.*
- HARRISON.
5th September 1861. 2219. CHARLES WEIGHTMAN HARRISON, of Holland Grove, Brixton, in the County of Surrey, for an invention for—"Improvements in the construction of castors." *Provisional protection only.*
- GREENWOOD.
5th September 1861. 2220. THOMAS GREENWOOD, of Leeds, in the County of York, Machine Maker, for an invention for—"Improvements in machinery for sawing wood." *Letters Patent sealed.*
- REID.
5th September 1861. 2221. JOHN REID, of Leith, in the County of Mid-Lothian, North Britain, Gas Engineer, for an invention for—"Improvements in the treatment of gas and the apparatus employed therein with a view to its more accurate measurement in wet gas meters." *Provisional protection only.*
- MENNONS.
6th September 1861. 2222. MARC ANTOINE FRANÇOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"Improvements in smoke consuming furnaces."—*A communication from Bernard Palazot, a person resident at N^o. 131, Route d'Espagne, Bordeaux (Gironde).* *Complete specification; Letters Patent sealed.*
- MENNONS.
6th September 1861. 2223. MARC ANTOINE FRANÇOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"Improvements in ribbon looms."—*A communication from Messrs. Benoit Durand, and Claude Crozet, persons resident at N^o. 11, Rue de la Bourse, S^t Etienne (Loire).* *Letters Patent sealed.*
- MENNONS.
6th September 1861. 2224. MARC ANTOINE FRANÇOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"Improvements in the application of the archimedean screw to the production and transmission of motive-power, and in the apparatus connected therewith."—*A communication from Julius Sturm (C E), a person resident at Mannheim, in the Grand Duchy of Baden.* *Letters Patent sealed.*
- SPENCE.
6th September 1861. 2225. WILLIAM SPENCE, of 50, Chancery Lane, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in apparatus for dividing and softening vegetable fibres."—*A communication to him from abroad by Felix Sorin, of 31, Rue des Fossés, Montmartre, Paris, in the Empire of France.* *Letters Patent sealed.*

ALLOTT. THELWALL. 6th September 1861.	2226. WILLIAM ALLOTT, and JOHN THELWALL, of Hull, in the County of York, Iron masters, for an invention for—"Improvements in the manufacture of wheel tyres, hoops and other similar articles." <i>Provisional protection only.</i>
ALLOTT. THELWALL. 6th September 1861.	2227. WILLIAM ALLOTT, and JOHN THELWALL, of Hull, in the County of York, Iron masters, for an invention for—"Improvements in the manufacture of crank shafts and crank axles and other similar articles." <i>Provisional protection only.</i>
HUGHES. 6th September 1861.	2228. EDWARD JOSEPH HUGHES, of the firm of Hughes and Son, Patent Agents, 123, Chancery Lane, London, for an invention for—"Improvements in watches."— <i>A communication to him from abroad by Adrien Jean Philippe, of Paris, in the Empire of France.</i> <i>Complete specification; Letters Patent sealed.</i>
KIRKMAN. 6th September 1861.	2229. CHARLES FELTON KIRKMAN, of Palace New Road, Lambeth, for an invention for—"Improvements in obtaining manure from sewerage and in the apparatus employed therein." <i>Letters Patent sealed.</i>
RUSSELL. 6th September 1861.	2230. JOHN JAMES RUSSELL, of The Crown Tube Works, Wednesbury, Patent Tube Manufacturer, for an invention for—"Improvements in preparing the ends of welded tubes previous to their being fixed in plates." <i>Letters Patent sealed.</i>
BROWN. 6th September 1861.	2231. JOHN BROWN, of Burnley, in the County of Lancaster, Overlooker, for an invention for—"Certain improvements in power looms for weaving." <i>Letters Patent sealed.</i>
WILD. 6th September 1861.	2232. WILLIAM WILD, of Bury, in the County of Lancaster, Cotton Spinner, for an invention for—"Certain improvements in machinery or apparatus to be employed in the preparation of cotton and other fibrous materials for spinning, called slubbing-frames and roving-frames." <i>Letters Patent sealed.</i>
HARRISON. YATES. 6th September 1861.	2233. EDWARD HARRISON, of Oldham, in the County of Lancaster, Schoolmaster, and THOMAS SHUTTLEWORTH YATES, of the same place, Reporter, for an invention for—"A certain compound or certain compounds to be used as a substitute for gunpowder." <i>Provisional protection only.</i>
HENRY. 6th September 1861.	2234. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in apparatus for signalling on railways by means of electricity."— <i>A communication to him from abroad by Eugene Vincenzi, of Parma, in Italy, Lieutenant of Artillery.</i> <i>Letters Patent sealed.</i>
MESSENGER. 6th September 1861.	2235. THOMAS GOODE MESSENGER, of High Street, Loughborough, in the County of Leicester, Horticultural Builder and Plumber and Glazier, for an invention for—"Improvements in glazing horticultural buildings, the roofs of railway stations and other erections." <i>Letters Patent sealed.</i>
TAYLOR. 7th September 1861.	2236. EPHRAIM TAYLOR, of Blackburn, in the County of Lancaster, Mechanic, for an invention for—"Improvements in obtaining motive-power by the combination and arrangement of levers and weights." <i>Provisional protection only.</i>
AINSWORTH. HEAP. FIELDING. OPENSHAW. 7th September 1861.	2237. WILLIAM AINSWORTH, of Adlington, in the County of Lancaster, Weaver, ELLIS HEAP, of the same place, Engine Minder, WILLIAM FIELDING, of the same place, Overlooker, and ELI OPENSHAW, of the same place, Overlooker, for an invention for—"Certain improvements in power looms for weaving." <i>Letters Patent sealed.</i>
MAILLARD. 7th September 1861.	2238. NICHOLAS DORAN PROBY MAILLARD, of Dublin, in the Kingdom of Ireland, for an invention for—"Improvements in the material and preparation of the material and apparatus for making potash, pearlash and caustic potash of commerce." <i>Letters Patent sealed.</i>
CARPENDALE. MIDDLETON. 7th September 1861.	2239. JOHN CARPENDALE, Britannia-Metal Smith, and THOMAS MIDDLETON, Table-Blade Grinder, both of Sheffield, in the County of York, for an invention for—"Improvements in means of producing raised chasing on copper, silver and Britannia metal, by the application of pressure." <i>Provisional protection only.</i>
NORRIS. 7th September 1861.	2240. GEORGE NORRIS, of Brondesbury Terrace, Kilburn, in the County of Middlesex, Gentleman, for an invention for—"Improvements in the manufacture of soap." <i>Letters Patent sealed.</i>
HOLLAND. OKELL. 7th September 1861.	2241. JOSEPH HOLLAND, of the City of Manchester, Flour Dealer, and GEORGE OKELL, of Ashton-under-Lyne, Cabinet Maker, both in the County of Lancaster, for an invention for—"Improvements in apparatus by which an engine or train is made to give an alarm or signal at any required place on arriving at or passing any given point on the railway." <i>Letters Patent sealed.</i>

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| <p>REDGATE.
7th September 1861.</p> <p>WHITE.
7th September 1861.</p> <p>BIRKBECK.
7th September 1861.</p> <p>MALCOLM.
9th September 1861.</p> <p>SIMONS.
9th September 1861.</p> <p>DOWELL.
DOWELL.
9th September 1861.</p> <p>O'NEILL.
9th September 1861.</p> <p>FRYER.
9th September 1861.</p> <p>JOHNSON.
9th September 1861.</p> <p>JOHNSON.
9th September 1861.</p> <p>CHEYNE.
9th September 1861.</p> <p>BROOMAN.
9th September 1861.</p> <p>NEWTON.
9th September 1861.</p> <p>ANTHONY.
10th September 1861.</p> <p>TYSON.
10th September 1861.</p> <p>SMITH.
10th September 1861.</p> | <p>2242. HERBERT REDGATE, of the town and county of the town of Nottingham, Lace Manufacturer, for an invention for—"Improvements in machinery or the manufacture of skirts usually called crinoline skirts." <i>Provisional protection only.</i></p> <p>2243. ROBERT OWEN WHITE, of Blachheath Park, in the County of Surrey, for an invention for—"Improvements in the manufacture of bricks." <i>Letters Patent sealed.</i></p> <p>2244. GEORGE HENRY BIRKBECK, of the firm of Tongue & Birkbeck, of 34, Southampton Buildings, Chancery Lane, in the County of Middlesex, Patent Agents and Engineers, for an invention for—"Improvements in the construction of saddles."—<i>A communication to him from abroad by Mr. Louis Friese, of Stuttgart, in the Kingdom of Wurtemberg.</i> <i>Letters Patent sealed.</i></p> <p>2245. GEORGE MALCOLM, of the firm of Malcolm, Ogilvie & Co., of Dundee, in the County of Forfar, North Britain, Manufacturer, for an invention for—"Improvements in machinery or apparatus for softening or treating jute, hemp, flax or other similar fibrous substance." <i>Letters Patent sealed.</i></p> <p>2246. WILLIAM SIMONS, of Renfrew, in the County of Renfrew, North Britain, Ship Builder, for an invention for—"Improvements in constructing ships or vessels." <i>Letters Patent sealed.</i></p> <p>2247. WILLIAM DOWELL, of Rhyl, in the County of Flint, Smith, and JAMES DOWELL, of Rhyl, aforesaid, Smith, for an invention for—"A new or improved motive-power engine." <i>Provisional protection only.</i></p> <p>2248. PATRICK BENIGNUS O'NEILL, of Hart Street, Bloomsbury, in the County of Middlesex, for an invention for—"Improvements in screw wrenches or spanners." <i>Letters Patent sealed.</i></p> <p>2249. ALFRED FRYER, of St Anne's Retreat, Sutton, in the County of Lancaster, Clerk, for an invention for—"Improvements in propellers and in propelling vessels through water." <i>Letters Patent sealed.</i></p> <p>2250. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in fire grates and furnaces for domestic and other purposes."—<i>A communication to him from abroad by Paul Baudet, of Paris, in the Empire of France.</i> <i>Provisional protection only.</i></p> <p>2251. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in machinery or apparatus for making cigars."—<i>A communication to him from abroad by Albert Reiniger, of Stuttgart, Wurtemberg.</i> <i>Letters Patent sealed.</i></p> <p>2252. CHARLES CHEYNE, of Great George Street, in the City of Westminster, Civil Engineer, for an invention for—"Improvements in extinguishing fires in buildings and in apparatus employed therein." <i>Provisional protection not granted.</i></p> <p>2253. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improved method of producing mixed-colored woollen and other threads."—<i>A communication to him from abroad by Stanislas Vigoureux, of Reims, France.</i> <i>Letters Patent sealed.</i></p> <p>2254. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"An improvement in the construction of boots and shoes."—<i>A communication to him from abroad by Joseph Lacy Joyce, and Edward Heaton, both of the City and County of Newhaven, in the State of Connecticut, in the United States of America.</i> <i>Letters Patent sealed.</i></p> <p>2255. JOHN ANTHONY, of 10, Oxford Terrace, Poplar, in the County of Middlesex, Engineer, for an invention for—"Improvements in steam-boilers and generators." <i>Letters Patent sealed; specification filed by order.</i></p> <p>2256. THOMAS SMITH TYSON, of Leeds, in the County of York, Traveller, for an invention for—"The application of a self acting lubricator to corves and wagons." <i>Provisional protection only.</i></p> <p>2257. JAMES SMITH, of Sudler's Place, London Wall, in the County of Middlesex, Machinist, for an invention for—"Improvements in sewing-machines." <i>Letters Patent sealed.</i></p> |
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ALLOTT. THELWALL. 6th September 1861.	2226. WILLIAM ALLOTT, and JOHN THELWALL, of Hull, in the County of York, Iron masters, for an invention for—"Improvements in the manufacture of wheel tyres, hoops and other similar articles." <i>Provisional protection only.</i>
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AINSWORTH. HEAP. FIELDING. OPENSHAW. 7th September 1861.	2237. WILLIAM AINSWORTH, of Adlington, in the County of Lancaster, Weaver, ELLIS HEAP, of the same place, Engine Minder, WILLIAM FIELDING, of the same place, Overlooker, and ELI OPENSHAW, of the same place, Overlooker, for an invention for—"Certain improvements in power looms for weaving." <i>Letters Patent sealed.</i>
MAILLARD. 7th September 1861.	2238. NICHOLAS DORAN PROBY MAILLARD, of Dublin, in the Kingdom of Ireland, for an invention for—"Improvements in the material and preparation of the material and apparatus for making potash, pearlash and caustic potash of commerce." <i>Letters Patent sealed.</i>
CARPENDALE. MIDDLETON. 7th September 1861.	2239. JOHN CARPENDALE, Britannia-Metal Smith, and THOMAS MIDDLETON, Table-Blade Grinder, both of Sheffield, in the County of York, for an invention for—"Improvements in means of producing raised chasing on copper, silver and Britannia metal, by the application of pressure." <i>Provisional protection only.</i>
NORRIS. 7th September 1861.	2240. GEORGE NORRIS, of Brondesbury Terrace, Kilburn, in the County of Middlesex, Gentleman, for an invention for—"Improvements in the manufacture of soap." <i>Letters Patent sealed.</i>
HOLLAND. OKELL. 7th September 1861.	2241. JOSEPH HOLLAND, of the City of Manchester, Flour Dealer, and GEORGE OKELL, of Ashton-under-Lyne, Cabinet Maker, both in the County of Lancaster, for an invention for—"Improvements in apparatus by which an engine or train is made to give an alarm or signal at any required place on arriving at or passing any given point on the railway." <i>Letters Patent sealed.</i>

- DELAMARE.**
13th September 1861. 2274. WILLIAM HENRY DELAMARE, of 14, Clarence Place, Hackney Road, in the County of Middlesex, for an invention for—"An improved machine for purifying and peeling corn." *Letters Patent sealed.*
- DUBRULE.**
13th September 1861. 2275. PAUL DUBRULE, of the town of Tourcoing, in the empire of France, Machine Builder, for an invention for—"Improvements in apparatus for manufacturing figured or ornamented stuffs with treadle power looms."—*Letters Patent sealed.*
- SMITH.**
BROOKS.
SMITH.
13th September 1861. 2276. ROBERT SMITH, of Weymouth Cottage, Hornsey, BENJAMIN BROOKS, of 2, Albert Terrace, York Road, King's Cross, and JAMES SMITH, of 2, Oak Villas, Wood Green, Tottenham, all in the County of Middlesex, Builders, for an invention for—"Improvements in the construction of roof and other lights." *Letters Patent sealed.*
- HASELER.**
13th September 1861. 2277. GEORGE CARTER HASELER, of Number 19, Vittoria Street, Birmingham, in the County of Warwick, Manufacturing Jeweller, for an invention for—"Improvements in lockets." *Letters Patent sealed.*
- FELL.**
13th September 1861. 2278. RICHARD FELL, of Kingsland, in the County of Middlesex, Engineer, for an invention for—"Improvements in compressing and rarefying atmospheric air, with machinery for applying the same to obtain a motive-power, part of which is applicable for cooking purposes." *Provisional protection only.*
- BROOMAN.**
13th September 1861. 2279. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in machines for weighing and measuring corn and other grain."—*A communication to him from abroad by Joseph Alexandre Auguste Catenot, of Lyons, France.—Letters Patent sealed.*
- MURRAY.**
13th September 1861. 2280. THOMAS LAMIE MURRAY, of Paris, in the Empire of France, Gentleman, for an invention for—"Improved applications of mica previously coloured or metalized for letters and signs, decorating churches, rooms, shops, frames and other ornamental and useful purposes."—*A communication to him from abroad by Mr. Frederic Holthausen, of Paris, in the Empire of France, Artist.* *Letters Patent sealed.*
- HOWELL.**
13th September 1861. 2281. JOSEPH BENNETT HOWELL, of the firm of Shortridge, Howell & Co., Steel Manufacturers, of Sheffield, in the County of York, for an invention for—"Improvements in the manufacture of chains and chain cables." *Letters Patent sealed and specification filed by order.*
- SUTTON.**
13th September 1861. 2282. CHARLES SUTTON, of Salford, in the County of Lancaster, Rope and Twine Manufacturer, for an invention for—"An improved method of and apparatus for indicating the position of sunken ships or other vessels." *Letters Patent sealed.*
- DIXON.**
RENNER.
13th September 1861. 2283. HENRY DIXON, of Pendleton, in the County of Lancaster, Gentleman, and JOHN ROBINSON RENNER, of Liverpool, in the said County, Artificial Manure Manufacturer, for an invention for—"Improvements in the mode of and apparatus for carbonizing saw dust and other vegetable substances." *Letters Patent sealed.*
- NEWTON.**
13th September 1861. 2284. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in guns."—*A communication to him from abroad by William McCord, of New York, in the United States of America.* *Letters Patent sealed.*
- DIXON.**
14th September 1861. 2285. GEORGE DIXON, of Wood Street, in the City of London, Manufacturer, for an invention for—"Improvements in the manufacture of upholsterers' trimmings." *Letters Patent sealed.*
- KNIGHT.**
14th September 1861. 2286. JOHN ADAMS KNIGHT, of No. 4, Symonds Inn, Chancery Lane, in the County of Middlesex, Patent Agent, for an invention for—"An improved apparatus for rendering fatty or oleaginous matter and delivering the same."—*A communication to him from abroad by Wellington Lee Esq., a person resident at No. 197, East 19th Street, New York, United States of America.* *Letters Patent sealed.*
- CRISPIN.**
14th September 1861. 2287. WILLIAM HENRY CRISPIN, of Marsh Gate Lane, Stratford, in the County of Essex, Copper Smelter, for an invention for—"Improvements in the manufacture of curved and angular paper tubes and pipes." *Provisional protection only.*
- WALLER.**
14th September 1861. 2288. RICHARD WALLER, of 50, Baker Street, Portman Square, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in machinery and apparatus for manufacturing and refining cane juice and other saccharine substances." *Letters Patent sealed.*

WHEATSTONE. 14th September 1861.	2289. WILLIAM WHEATSTONE, of 20, Conduit Street, St George's, Hanover Square, in the County of Middlesex, Musical Instrument Maker, for an invention for—"Improvements in concertinas and other musical instruments the tones of which are produced from the vibration of springs." <i>Letters Patent sealed.</i>
LEA. 14th September 1861.	2290. JAMES LEA, of Widnes Dock, near Warrington, in the County of Lancaster, Builder, for an invention for—"Improvements in self acting signals for railways." <i>Provisional protection only.</i>
KING. SUTCLIFFE. 14th September 1861.	2291. JAMES KING, of Rochdale, in the County of Lancaster, Cotton Spinner, and JOHN SUTCLIFFE, of the same place, Overlooker, for an invention for—"Certain improvements in or applicable to machines for spinning and doubling." <i>Letters Patent sealed.</i>
BARNETT. 14th September 1861.	2292. FREDERIC BARNETT, residing at No. 60, St Mary Axe, in the City of London, for an invention for—"Improved automatic electric signals to prevent collisions on railroads and railways." <i>Letters Patent sealed.</i>
MENNONS. 14th September 1861.	2293. MARC ANTOINE FRANÇOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"An improved apparatus for the conveyance of medicinal substances into various parts of the human body."— <i>A communication from Salvator Vinci (M.D.), a person resident at No. 120, Rue de la Pepinière, Paris.</i> <i>Provisional protection only.</i>
GREEN. GLOVER. 14th September 1861.	2294. ALFRED GREEN, of Stourbridge, in the County of Worcester, General Smith, and WILLIAM HENRY GLOVER, of Stourbridge, aforesaid, General Smith, for an invention for—"Improvements in the manufacture of vice boxes." <i>Letters Patent sealed.</i>
JENNINGS. 14th September 1861.	2295. HENRY CONSTANTINE JENNINGS, of Great Tower Street, in the City of London, Chemist, for an invention for—"Improvements in treating hides and skins." <i>Letters Patent sealed.</i>
HAWKSLEY. 14th September 1861.	2296. GEORGE HAWKSLEY, of Three Mill Lane, Bromley by Bow, in the County of Middlesex, for an invention for—"Improvements in traction and locomotive engines." <i>Provisional protection only.</i>
NEWTON. 14th September 1861.	2297. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improved apparatus to be adapted to carriages for the purpose of checking or arresting their progress on inclines or when going down hill."— <i>A communication to him from abroad by William Goode Caporn, of Sydney, New South Wales, Merchant.</i> <i>Provisional protection only.</i>
MORRIS. WEARE. MONCKTON. 14th September 1861.	2298. TIMOTHY MORRIS, ROBERT WEARE, and EDWARD HENRY CRADOCK MONCKTON, all of 4, Trafalgar Square (Patent Office), in the County of Middlesex, for an invention for—"Improvements in batteries for obtaining electric currents and the products therefrom." <i>Letters Patent sealed.</i>
WEBB. 14th September 1861.	2299. THOMAS WEBB, of Artillery Terrace, Victoria Street, in the City of Westminster, for an invention for—"Improvements in tills or receptacles for money." <i>Provisional protection only.</i>
HORSLEY. JONES. 16th September 1861.	2300. SAMUEL HORSLEY, and EDWARD HOBSON JONES, both of Liverpool, in the County of Lancaster, Engineers, for an invention for—"Improvements in apparatus for cleaning and polishing boots, shoes and other coverings for the feet, partly applicable for cleaning plate and other articles of domestic use." <i>Letters Patent sealed.</i>
RAE. 16th September 1861.	2301. MARTIN RAE, of the City of Manchester, in the County of Lancaster, Agent, for an invention for—"Improvements in lamps." <i>Letters Patent sealed.</i>
GEDGE. 16th September 1861.	2302. WILLIAM EDWARD GEDGE, of the firm of John Gedge and Son, of No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"Improved apparatus for drying grain."— <i>A communication to him from abroad by Casimir Druart, of No. 15, Passage des Petites Ecuries, Paris, France.</i> <i>Letters Patent sealed.</i>
REEVES. 16th September 1861.	2303. JOHN REEVES, of the City of New York, in the United States of America, now residing in London, in the County of Middlesex, for an invention for—"Improvements in electro-magnetic engines for obtaining and applying motive-power." <i>Letters Patent sealed.</i>

- MERITON.**
16th September 1861. **2304.** THOMAS MERITON, of Second Bernard Strasse, Saint Pauli, Hamburg, for an invention for—"Improvements in steering-apparatus."—*Letters Patent sealed.*
- HESKETH.**
PARSELL.
16th September 1861. **2305.** WILLIAM JUXON HESKETH, and DAVID PARSELL, both of Saundersfoot, in the County of Pembroke, Engineers, for an invention for—"Improvements in steam-boilers and furnaces whereby better to adapt them to burn all kinds of coal more especially anthracite or stone coal."—*Provisional protection only.*
- CLARK.**
16th September 1861. **2306.** WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in the application of mica to ornamental and other purposes."—*A communication to him from abroad by Messrs Louis Augustin Alexandre Cavenne, Looking Glass Manufacturer, and Frédéric Holthausen, Artist, both of 29, Boulevard St Martin, Paris.*
Provisional protection NOT granted.
- FRY.**
16th September 1861. **2307.** GEORGE FRY, of Great Portland Street, in the County of Middlesex, Gentleman, for an invention for—"Improvements in sights for rifles and other fire-arms."—*Provisional protection NOT granted.*
- STEWART.**
16th September 1861. **2308.** WILLIAM STEWART, of Peckham, in the County of Surrey, for an invention for—"Improvements in apparatuses for supporting persons in and for enabling them to progress through the water."—*Letters Patent sealed.*
- SKINNER.**
16th September 1861. **2309.** ARTHUR MACGREGOR SKINNER, of Belfast, in the County of Antrim, Captain in the Royal Navy, for an invention for—"Improvements in propelling ships, boats and other vessels."—*A communication to him from abroad by Colonel Philip Kearney Macgregor Skinner, Judge Advocate General of the Bombay Army, resident at Poonah, India.*
Provisional protection only.
- BROOMAN.**
16th September 1861. **2310.** RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in apparatuses for stretching, supporting and uniting telegraph wires."—*A communication to him from abroad by Charles Pougnaire, of Marseilles, and Joseph Stephane Bourcy, of Paris, both in the Empire of France.*
Letters Patent sealed.
- BROOMAN.**
16th September 1861. **2311.** RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improvement in shirts."—*A communication to him from abroad by André Francois Emile Robert, of Paris, France.*
Provisional protection only.
- RANSOME.**
RANSOME.
16th September 1861. **2312.** FREDERIC MAITLAND RANSOME, and ERNEST LESLIE RANSOME, both of Ipswich, in the County of Suffolk, for an invention for—"Improvements in treating stone, bricks and other surfaces, and in the manufacture of filters."—*Letters Patent sealed.*
- TUXFORD.**
16th September 1861. **2313.** WESTON TUXFORD, of Boston, in the County of Lincoln, Engineer, for an invention for—"Improvements in thrashing-machines, and in raising and stacking straw and other agricultural produce."—*Letters Patent sealed.*
- SAMUELSON.**
17th September 1861. **2314.** BERNHARD SAMUELSON, of Banbury, in the County of Oxford, Engineer, for an invention for—"Improvements in harvesting-machines."—*Letters Patent sealed.*
- WRIGLEY.**
17th September 1861. **2315.** FRANCIS WRIGLEY, of the City of Manchester, in the County of Lancaster, Consulting Engineer, for an invention for—"Improvements in the construction, manufacture and mode of securing armour for the protection of ships and fortifications against projectiles."—*Letters Patent sealed.*
- BARNETT.**
17th September 1861. **2316.** FREDERIC BARNETT, Inventor, residing N^o. 60, St. Mary Axe, in the City of London, for an invention for—"An improvement in the light given by street and other lamps, by means of reflectors in white earthenware, china and all enamel materials, in conjunction with an improved chimney to draw up the exhalations and smoke of all lighting materials."—*Letters Patent sealed.*
- EASTWOOD.**
JOYCE.
17th September 1861. **2317.** JOHN EASTWOOD, of Bradford, in the County of York, Machine Wool Comber, and JOHN BARNETT JOYCE, of Bradford, aforesaid, Machine Maker, for an invention for—"Improvements in machinery or apparatus for combing wool and other fibrous substances."—*Letters Patent sealed and specification filed by order.*
- D'OLINCOURT.**
17th September 1861. **2318.** FREDERICK JAMES EUGENE ALEXANDER GIGAULT D'OLINCOURT, of Number 113, Rue de Flandre, Paris, for an invention for—"A new system of cultivating land and for preventing the disastrous effects of inundations."—*Provisional protection only.*

DAVIES. 17th September 1861.	2319. GEORGE DAVIES, of N ^o . 1, Serle Street, Lincoln's Inn, in the County of Middlesex, and N ^o . 28, St Enoch Square, in the City of Glasgow, Civil Engineer and Patent Agent, for an invention for—"Improvements in machinery or apparatus for the manufacture of horse shoe and other nails."— <i>A communication to him from abroad by Charles Alexandre Louvrier, of Paris, Machinist.</i> Letters Patent sealed.
STATHAM. STATHAM. 17th September 1861.	2320. JOSEPH STATHAM, of Salford, in the County of Lancaster, Blacksmith, and WILLIAM STATHAM, of Openshaw, in the County of Lancaster, Engineer, for an invention for—"Certain improvements in machinery or apparatus for mowing and reaping." Letters Patent sealed; no specification filed.
LEE. TAPLIN. 17th September 1861.	2321. JOSEPH LEE, and BENJAMIN DUTTON TAPLIN, of the Patent Crank Works, Lincoln, for an invention for—"Improvements in traction engines." Letters Patent sealed.
BAILEY. 17th September 1861.	2322. ALBON HONESTUS BAILEY, of Boston, Massachusetts, United States of America, for an invention for—"An improved system of combination types and an improved case for containing the same." Provisional protection only.
WHITE. 18th September 1861.	2323. GEORGE WHITE, of 7A, Pancras Lane, in the City of London, for an invention for—"Improvements in apparatus for filtering or purifying water or other liquids."— <i>A communication to him from abroad by M^r. Jean Antoine Victor Burq, Doctor of Medicine, of Paris.</i> Letters Patent sealed.
BRIGGS. 18th September 1861.	2324. JOSEPH GIRTON BRIGGS, of Number 23, Earl Street, Blackfriars, in the City of London, for an invention for—"An improved method of making fire proof buildings, ships and other constructions." Provisional protection only.
CORY. 18th September 1861.	2325. WILLIAM CORY, junior, of the Coal Exchange, London, for an invention for—"Improvements in vessels and machinery for unloading colliers and other vessels containing coals." Letters Patent sealed.
COWPER. 18th September 1861.	2326. EDWARD ALFRED COWPER, of 35A, Great George Street, Westminster, in the County of Middlesex, for an invention for—"Improvements in apparatus for freeing gases from dust and other particles of matter floating therein, and for causing vapours or gases to be absorbed by liquids." Provisional protection only.
WICKENS. 18th September 1861.	2327. HENRY WICKENS, of N ^o . 4, Tokenhouse Yard, Bank, in the City of London, Solicitor, for an invention for—"Improvements in reaping and mowing machines."— <i>A communication to him from abroad by Nicholas Coones, of the City of London, in the County of Middlesex, in the Province of Canada, America, Engineer.</i> Provisional protection only.
PARTINGTON. 18th September 1861.	2328. EDWARD PARTINGTON, of Heap Bridge, in the County of Lancaster, Manager, for an invention for—"Certain improvements in machinery or apparatus employed in the manufacture of paper." Letters Patent sealed.
BEER. 18th September 1861.	2329. ALFRED JAMES BEER, of Canterbury, in the County of Kent, Brewer, for an invention for—"Improvements in the valves of steam and other motive engines." Provisional protection only.
FERRY. 18th September 1861.	2330. GEORGE FERRY, of Hoxton, in the County of Middlesex, Engineer, for an invention for—"An improved anchor." Provisional protection only.
SUCKOW. HABEL. 18th September 1861.	2331. EDMUND SUCKOW, and EDWARD HABEL, of the City of Manchester, in the County of Lancaster, Engineers, for an invention for—"Improvements in machinery or apparatus for opening and cleaning cotton and other fibrous materials." Letters Patent sealed.
GURMAN. 18th September 1861.	2332. JOHN GURMAN, of Onslow Road, Southampton, in the County of Hants, Builder, for an invention for—"Improvements in the fittings and method of hanging window sashes to facilitate their removal for cleaning and other purposes." Letters Patent sealed.
CONDROY. 19th September 1861.	2333. LOUIS GABRIEL AUGUSTE CONDROY, of the Town of Douai, in the Empire of France, Machine Builder, for an invention for—"An improved centrifugal apparatus intended for purifying, washing, drying, moulding or extracting from liquids substances or materials of various kinds, which are deposited or poured for this purpose in moveable baskets or boxes fitted in the said apparatus." Letters Patent sealed.

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| <p>CLOUGH.
19th September 1861.</p> | <p>2334. JAMES CLOUGH, Foreman in the employ of Messieurs Dobson and Barlow, of Bolton-le-Moors, in the County of Lancaster, Machines Makers, for an invention for—"Certain improvements in machinery for preparing cotton and other fibrous substances."
<i>Letters Patent sealed.</i></p> |
| <p>COOMBE.
WRIGHT.
19th September 1861.</p> | <p>2335. JAMES CANE COOMBE, and JAMES WRIGHT, Civil Engineer, both of 42, Bridge Street, Blackfriars, London, for an invention for—"Improvements in the manufacture of stones, bricks, tiles, slabs, statuary and such like materials, and in the method of and means for cleansing and indurating the same when employed in buildings or for building purposes, and for preserving them from atmospheric and other influences."
<i>Letters Patent sealed.</i></p> |
| <p>DURRANT.
19th September 1861.</p> | <p>2336. JAMES DURRANT, of Granville Terrace, Lewisham, in the County of Kent, Esquire, for an invention for—"An improved form of coal box combining within itself a cinder sifter, an ash and dust pan, and receptacles for other requisites connected with domestic fire stoves."
<i>Provisional protection only.</i></p> |
| <p>EDDY.
19th September 1861.</p> | <p>2337. CHARLES WALTER EDDY, of 5, Chester Terrace, Regent's Park, in the Parish of St Mary le bone, in the City of London, for an invention for—"A new method of arming the bow of a ship of war with a shell and a beak to be fitted or unfitted at pleasure and to be used conjointly or seperately."
<i>Provisional protection only.</i></p> |
| <p>CLARK.
19th September 1861.</p> | <p>2338. EDWARD CLARK, of Chatham Street, Liverpool, in the County of Lancaster, Merchant, for an invention for—"Improved means or apparatus for self acting signals in tunnels and elsewhere on railways."
<i>Provisional protection only.</i></p> |
| <p>BREFFIT.
19th September 1861.</p> | <p>2339. EDGAR BREFFIT, of King William Street, in the City of London, for an invention for—"An improved fuel."
<i>Letters Patent sealed.</i></p> |
| <p>CLARK.
19th September 1861.</p> | <p>2340. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in machinery for the manufacture of fishing and other nets."—<i>A communication to him from abroad by Messrs Felix Marie Baudouin, and Achille Baudouin, Civil Engineers, and Jean Baptiste François Jouannin, Mechanician, all of 29, Boulevard St Martin, Paris.</i>
<i>Letters Patent sealed.</i></p> |
| <p>TONGUE.
GREER.
19th September 1861.</p> | <p>2341. WILLIAM THOMAS TONGUE, of Liverpool, in the County of Lancaster, Wholesale Ironmonger, and JOHN GREER, of the same place, Tin plate Worker, for an invention for—"An improved portable self-acting water-engine for extinguishing fires and other purposes."
<i>Letters Patent sealed.</i></p> |
| <p>WILSON.
19th September 1861.</p> | <p>2342. JOHN HAYS WILSON, of the firm of John Hays Wilson and Company, of Liverpool, in the County of Lancaster, Brass Founders and Ship's Ironmongers, for an invention for—"Improvements in pumps chiefly applicable to ships' lift pumps."
<i>Letters Patent sealed.</i></p> |
| <p>SILVER.
MOORE.
19th September 1861.</p> | <p>2343. THOMAS SILVER, of Philadelphia, United States of America, and THOMAS MOORE, of No. 33, Regent's Circus, Piccadilly, County of Middlesex, for an invention for—"Improvements in the construction of and appliances to steam ships or other vessels."
<i>Provisional protection only.</i></p> |
| <p>GRAHAM.
19th September 1861.</p> | <p>2344. JOHN GRAHAM, of No. 2, Ann Street, Devonport Street, Commercial Road East, in the County of Middlesex, Pattern Maker, for an invention for—"An improved double acting force or lift pump for ships, fire engines and other purposes."
<i>Letters Patent sealed.</i></p> |
| <p>HAWKSWORTH.
19th September 1861.</p> | <p>2345. SAMUEL HAWKSWORTH, of Doncaster, for an invention for—"Improvements in the manufacture of floor cloth and in ornamenting other surfaces."
<i>Letters Patent sealed.</i></p> |
| <p>SEDLEY.
19th September 1861.</p> | <p>2346. ANGELO JAMES SEDLEY, of 210, Regent Street, in the County of Middlesex, for an invention for—"Improvements in metallic bedsteads and sofa bedsteads."
<i>Provisional protection only.</i></p> |
| <p>DAGRON.
19th September 1861.</p> | <p>2347. RENÉ PRUDENT PATRICE DAGRON, of Paris, in the French empire, Photographer, for an invention for—"An improved microscope to be used for exhibiting photographic views and productions."
<i>Letters Patent sealed.</i></p> |
| <p>REDWOOD.
19th September 1861.</p> | <p>2348. THEOPHILUS REDWOOD, of 19, Montague Street, Russell Square, in the County of Middlesex, for an invention for—"An improvement in the manufacture of paper."
<i>Provisional protection only.</i></p> |

GLADSTONE. 20th September 1861.	2349. THOMAS MURRAY GLADSTONE, Consulting Engineer, of Parliament Street, in the City of Westminster, in the County of Middlesex, for an invention for—"An improvement in the construction and form of anchors." <i>Provisional protection only.</i>
SMITH. 20th September 1861.	2350. BROOKE SMITH, of the firm of Martineau and Smith, of Birmingham, in the County of Warwick, Manufacturers, for an invention for—"Improvements in taps and cocks." <i>Provisional protection only.</i>
OLIVER. GRANTHAM. SINNOCK. LEVERSON. 20th September 1861.	2351. JOHN OLIVER, of Colchester, in the County of Essex, Manufacturing Chemist, JOHN GRANTHAM, of Number 31, Nicholas Lane, in the City of London, Engineer, WILLIAM SINNOCK, of Sylvan Cottage, Woodford, in the County of Essex, Ropery Engineer, and MONTAGUE RICHARD LEVERSON, of Number 12, Saint Helen's Place, in the City of London, Solicitor and Patent Agent, for an invention for—"Improvements in the mode of obtaining certain chemical substances and in the treatment of vegetable fibre, and in obtaining manurial and other products therefrom." <i>Letters Patent sealed.</i>
WALTER. JOHNSTONE. 20th September 1861.	2352. HENRY WALTER, and DAVID JOHNSTONE, both of the City of Manchester, in the County of Lancaster, for an invention for—"Improvements in castors." <i>Provisional protection only.</i>
DAVIDSON. 20th September 1861.	2353. JOSEPH CHRISTIAN DAVIDSON, of Yalding, in the County of Kent, Farmer, for an invention for—"Improvements in thrashing-machines." <i>Letters Patent sealed.</i>
PERMAN. 20th September 1861.	2354. CHARLES PERMAN, of Salisbury, in the County of Wilts, for an invention for—"Improvements in machinery or apparatus for cutting and turning up the soil of land for cultivation." <i>Letters Patent sealed.</i>
BURNAND. 20th September 1861.	2355. JAMES BURNAND, of No. 31, Netherthorpe Street, Sheffield, in the County of York, Table Knife Manufacturer, for an invention for—"Improvements in the means of fastening or securing the handles of table knives and forks, daggers and other similar articles." <i>Letters Patent sealed.</i>
ROBERTS. LAMBE. 20th September 1861.	2356. GEORGE ROBERTS, of No. 28, Bessborough Place, Pimlico, in the County of Middlesex, and FREDERICK LAMBE, of Cushion Court, Old Broad Street, in the City of London, for an invention for—"Certain improvements in lamps and lamp wicks whereby they are adapted for more effectively burning animal, linseed, and other heavy and also glutinous and bituminous oils, and other burning fluids employed for illuminating purposes." <i>Provisional protection only.</i>
CREAMER. 20th September 1861.	2357. WILLIAM GODLEY CREAMER, of New York, United States of America, and of Woburn Place, in the County of Middlesex, Manufacturer, for an invention for—"Improvements in railway brakes and in apparatus for actuating the same." <i>Letters Patent sealed.</i>
BOUSFIELD. 20th September 1861.	2358. GEORGE TOMLINSON BOUSFIELD, of Loughborough Park, Brixton, in the County of Surrey, for an invention for—"Improvements in machinery for combing cotton and other fibrous material."— <i>A communication from the inventors Cullen Whipple, a person resident at the city and county of Providence, in the State of Rhode Island, and United States of America, and Rufus Stafford, resident at Smithfield, in the county and state aforesaid.</i> <i>Letters Patent sealed.</i>
WYMER. 20th September 1861.	2359. FRANCIS WILLIAM WYMER, Engineer, of 7, St Ann's Row, Newcastle-on-Tyne, for an invention for—"Improvements in apparatus used in sounding the holds of ships or vessels." <i>Letters Patent sealed.</i>
BOUSFIELD. 20th September 1861.	2360. GEORGE TOMLINSON BOUSFIELD, of Loughborough Park, Brixton, in the County of Surrey, for an invention for—"Improvements in machinery for manufacturing shoes for horses and other animals."— <i>A communication from Edward Adams Cutler, a person resident at the City and County of Providence, in the State of Rhode Island, and United States of America.</i> <i>Letters Patent sealed.</i>
BODMER. 21st September 1861.	2361. LOUIS RUDOLPH BODMER, of 2, Thavies Inn, Holborn, in the City of London, for an invention for—"Improvements in gaseliers and in ventilating apparatus connected therewith." <i>Provisional protection only.</i>
BOARD. 21st September 1861.	2362. CHARLES BOARD, of the City of Bristol, Cabinet Maker, for an invention for—"Improvements in veneering presses." <i>Letters Patent sealed.</i>

- COCKEY.**
COCKEY.
21st September 1861. 2363. HENRY COCKEY, and FRANCIS CHRISTOPHER COCKEY, of the Frome Iron Foundry, in the County of Somerset, Engineers, for an invention for—"Improvements in apparatus employed in the manufacture of gas."—*Letters Patent sealed.*
- FENTON.**
21st September 1861. 2364. JAMES FENTON, of Low Moor, in the County of York, Civil Engineer, for an invention for—"An improved method of causing the water to circulate in steam-boilers."—*Provisional protection only.*
- STABLEFORD.**
21st September 1861. 2365. WILLIAM STABLEFORD, of Oldbury, in the County of Worcester, Engineer, for an invention for—"Improvements in the manufacture of wheels and in securing tyres on or to wheels."—*Letters Patent sealed.*
- PARKES.**
21st September 1861. 2366. ALEXANDER PARKES, of Birmingham, in the County of Warwick, for an invention for—"Improvements in the manufacture of castings, rods, bars, bolts, nails, rivets and sheets when alloys of copper are used."—*Provisional protection only.*
- TONGUE.**
21st September 1861. 2367. WILLIAM TONGUE, of Bradford, in the county of York, Engineer, for an invention for—"Improvements in machinery for combing, heckling and dressing fibrous materials."—*Letters Patent sealed.*
- DESBOROUGH.**
21st September 1861. 2368. SPENDLOVE DESBOROUGH, of Noble Street, St Martin's le Grand, in the city of London, Manufacturer, for an invention for—"Improvements in the manufacture of pins for hair, dress, jewellery and other purposes."—*Letters Patent sealed.*
- DULEY.**
23rd September 1861. 2369. JAMES HENRY DULEY, of Northampton, in the county of Northamptonshire, Iron-founder, for an invention for—"An improvement in the manufacture of axle boxes and bushes."—*Letters Patent sealed.*
- STEVENS.**
23rd September 1861. 2370. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in the manufacture of steel and in the hardening of metals."—*A communication to him from abroad by Joseph Théophile Luce Rousselot, of Paris, in the empire of France. Provisional protection only.*
- PLANTROU.**
23rd September 1861. 2371. HIPPOLYTE PLANTROU, junr, of N° 15, Passage des Petites Ecuries, Paris, in the empire of France, Dyer, for an invention for—"Improvements in washing and scouring wools by the introduction of air into the water, using an aëriform washing apparatus."—*Letters Patent sealed.*
- KENYON.**
23rd September 1861. 2372. JABEZ KENYON, of Blackburn, in the County of Lancaster, Overlooker, for an invention for—"Improvements in the treatment of yarns or warps previous to their being sized."—*Provisional protection only.*
- BRINSMEAD.**
23rd September 1861. 2373. HENRY BRINSMEAD, of Ipswich, in the County of Suffolk, Machinist, for an invention for—"Improvements in apparatus for raising and stacking straw and other agricultural produce."—*Letters Patent sealed.*
- JANKOWSKI.**
23rd September 1861. 2374. VINCENT JANKOWSKI, of 4, Princes Street, Fitzroy Square, in the county of Middlesex, Designer, for an invention for—"Improvements in carriages."—*Provisional protection only.*
- HELY.**
23rd September 1861. 2375. ALFRED AUGUSTUS HELY, of Forest Hill, in the County of Surrey, Civil Engineer, for an invention for—"Improvements in the construction of portable fire-arms."—*Provisional protection only.*
- PRICE.**
23rd September 1861. 2376. JAMES PRICE, of Dundalk, Ireland, Civil Engineer, for an invention for—"Improvements in the permanent way of railways."—*Letters Patent sealed.*
- JACOB.**
23rd September 1861. 2377. JOSEPH JACOB, of Brünn, in the empire of Austria, but at present residing in Golden Square (W.), London, in the county of Middlesex, for an invention for—"Improvements in the mode of and apparatus for obtaining and treating hydrogen gas, and the application thereof to various purposes, parts of which improvements are applicable to the manufacture of iron and steel."—*A communication to him from abroad by Carl Preisenhammer, and Carl Weniger, both of Zöptau, in the empire of Austria. Letters Patent sealed.*
- PARKES.**
24th September 1861. 2378. JAMES DAVID PARKES, of 47, Parliament Street, Westminster, in the county of Middlesex, Civil Engineer, for an invention for—"Improvements in the propeller of a ship."—*A communication to him from abroad by Jean Baptiste Vincent, of N° 9, Rue Ferdinand du Temple, Paris, and Martin Louis Goupy, of N° 28, Rue St Georges, Paris. Provisional protection only.*
- WILEY.**
24th September 1861. 2379. WILLIAM EDWARD WILEY, of Great Hampton Street, Birmingham, Gold Pen and Pencil Case Manufacturer, for an invention for—"Improvements in pens and pen holders."—*Letters Patent sealed.*

SEDLEY. 24th September 1861.	2380. ANGELO JAMES SEDLEY, of 210, Regent Street, in the County of Middlesex, for an invention for—"Improvements in constructing bridges and viaducts." <i>Letters Patent sealed.</i>
GLADSTONE. 24th September 1861.	2381. GEORGE JOSEPH GLADSTONE, of Blackwall, Shipwrights' Surveyor, for an invention for—"Improvements in apparatus for disengaging boats." <i>Letters Patent sealed.</i>
DAVEY. 24th September 1861.	2382. THOMAS DAVEY, of Tucking Mill, Cambourne, in the County of Cornwall, Manufacturer, for an invention for—"Improvements in the manufacture of safety fuses, parts of which are applicable to the manufacture of pipes and tubes of lead and other soft metal, gutta percha, caoutchouc, bitumen and earthenware." <i>Letters Patent sealed.</i>
WATT. WATT. HAVISIDE. 24th September 1861.	2383. CHARLES WATT, of Graham Street, Walworth, Surrey, Chemist, JOHN WATT, of Lorrimore Street, Walworth, Chemist, and THOMAS SNAITH HAVISIDE, of Cornhill, in the City of London, Gentleman, for an invention for—"An improved mode or method of bleaching palm oil." <i>Letters Patent sealed.</i>
FAWCETT. 24th September 1861.	2384. JAMES FAWCETT, of Wakefield, in the County of York, Corn and Fulling Miller, for an invention for—"An improved material particularly adapted for the scouring, cleansing and fulling of woollen or other cloths." <i>Letters Patent sealed.</i>
COTTRILL. 24th September 1861.	2385. JAMES COTTRILL, of Studley, in the County of Warwick, Needle Maker, for an invention for—"An improvement or improvements in the manufacture of certain descriptions of needles." <i>Letters Patent sealed.</i>
DAVIES. 24th September 1861.	2386. GEORGE DAVIES, of No. 1, Serle Street, Lincoln's Inn, in the County of Middlesex, and No. 28, St Enoch Square, in the City of Glasgow, Civil Engineer and Patent Agent, for an invention for—"Improvements in the process of preserving provisions and in the apparatus employed therein."— <i>A communication to him from abroad by Alexander Lecomte, of Montmartre, Paris, France.</i> <i>Letters Patent sealed.</i>
BANKS. 25th September 1861.	2387. JAMES BANKS, of No. 19, Salisbury Street, Adelphi, Electric Engineer, for an invention for—"Improvements in electro-magnetic telegraph printing-apparatus or marking instruments, and the instruments or apparatus to be used in connection therewith." <i>Complete specification ; protection for six months only.</i>
LENK. 25th September 1861.	2388. CARL GUSTAV LENK, of 24, Maddox Street, Regent Street, in the County of Middlesex, Mechanical Engineer, for an invention for—"Improved pens." <i>Provisional protection only.</i>
MUSGRAVE. 25th September 1861.	2389. JOSEPH MUSGRAVE, of the firm of Messieurs John Musgrave and Sons, of the Globe Iron Works, Bolton-le-Moors, in the County of Lancaster, for an invention for—"Certain improvements in the application of steam power." <i>Letters Patent sealed ; no specification filed.</i>
BRIGHT. MILLS. 25th September 1861.	2390. THOMAS BRIGHT, of Rochdale, in the County of Lancaster, Carpet Manufacturer, and ROBERT MILLS, of the same place, Engineer, for an invention for—"Improvements in apparatus or means employed in the printing of yarns for carpets and other fabrics." <i>Letters Patent sealed.</i>
PURNELL. 25th September 1861.	2391. HENRY PURNELL, of Glasgow, in the County of Lanark, North Britain, Engineer and Manufacturer of Warming and Ventilating Apparatus, for an invention for—"Improvements in constructing and arranging warming-apparatus." <i>Letters Patent sealed.</i>
BROOMAN. 25th September 1861.	2392. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in apparatuses for letting off water from and for admitting oil or other lubricating matter into steam cylinders."— <i>A communication to him from abroad by Isidore Duballe, of Paris, France.</i> <i>Letters Patent sealed.</i>
CRANE. ELLIS. 25th September 1861.	2393. WILLIAM THOMAS CRANE, of Liverpool Road, in the County of Middlesex, Carriage Builder, and THOMAS JOSEPH ELLIS, also of Liverpool Road, in the said County, Coach Maker, for an invention for—"Improved means of applying breaks to omnibuses and other four-wheeled carriages." <i>Provisional protection only.</i>
RICHARDSON. IRVINE. 25th September 1861.	2394. THOMAS RICHARDSON, of Newcastle-upon-Tyne, Chemist, and ROBERT IRVINE, of Hurlet, Renfrewshire, Analytical Chemist, for an invention for—"Improvements in treating gelatine." <i>Provisional protection not granted.</i>

- NEWTON.**
25th September 1861. **2395.** ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improvements in the construction of and mode of working telegraphic apparatus."—*A communication to him from abroad by Giovanni Caselli, of Florence, in the Kingdom of Italy.*
Letters Patent sealed.
- RICHARDSON.**
25th September 1861. **2396.** THOMAS RICHARDSON, of Newcastle-upon-Tyne, Chemist, for an invention for—"Improvements in the manufacture of muriate of iron for the purification of coal gas."
Provisional protection only.
- VAUGHAN.**
25th September 1861. **2397.** JOHN VAUGHAN, of Middlesbrough, in the County of York, Ironmaster, for an invention for—"Improvements in treating gas produced by blast furnaces in its passage from the blast furnaces to other furnaces, stoves, boilers or other heating apparatus where gas may be employed."
Provisional protection only.
- RUSSELL.**
25th September 1861. **2398.** GODFREY RUSSELL, of Swan Hill, Shrewsbury, in the County of Salop, for an invention for—"Spring stretchers or bedsteads for camp, hospital or general use."
Letters Patent sealed.
- FLEETWOOD.**
26th September 1861. **2399.** DANIEL JOSEPH FLEETWOOD, of George Street, Saint Paul's, Birmingham, in the County of Warwick, for an invention for—"An improvement or improvements in nails."
Provisional protection only.
- BENTLEY.**
26th September 1861. **2400.** THOMAS BENTLEY, of Margate, in the County of Kent, Ironmonger, for an invention for—"Improvements in apparatus for beating eggs and for mixing or agitating other fluids, compounds or matters."
Letters Patent sealed.
- NUNN.**
26th September 1861. **2401.** HENRY NUNN, of Chelsea, in the County of Middlesex, Whitesmith, for an invention for—"Improvements in mangles."
Letters Patent sealed; no specification filed.
- OPENSHAW.**
ENTWISTLE.
LORD.
26th September 1861. **2402.** JAMES OPENSHAW, Manufacturer, WILLIAM ENTWISTLE, Manager, and JAMES LORD, Mechanic, all of Bury, in the County of Lancaster, for an invention for—"Certain improvements in 'mules' for spinning cotton and other fibrous substances."
Letters Patent sealed.
- CALDWELL.**
YOUNG.
26th September 1861. **2403.** GEORGE CALDWELL, Engineer, of Kilmarnock, in the County of Ayr, and JOHN YOUNG, Miller, of Milliken Mills, in the County of Renfrew, for an invention for—"Improvements in apparatus for dressing flour."
Provisional protection only.
- JOHNSON.**
26th September 1861. **2404.** JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in smoothing-irons."—*A communication to him from abroad by Charles Jean Baptiste Eugene Cailloue, of Paris, in the empire of France.*
Provisional protection only.
- ROBSON.**
26th September 1861. **2405.** SAMUEL SINCLAIR ROBSON, of Sunderland, in the County of Durham, for an invention for—"Improvements in machinery or apparatus for raising or lowering heavy bodies."
Letters Patent sealed.
- BOUSFIELD.**
26th September 1861. **2406.** GEORGE TOMLINSON BOUSFIELD, of Loughborough Park, Brixton, in the County of Surrey, for an invention for—"Improvements in knapsacks."—*A communication from the Inventor Charles Sweeney, a person resident at Charlestown, Massachusetts, United States of America.*
Provisional protection only.
- TESSIER.**
26th September 1861. **2407.** JOSEPH TESSIER, Proprietor, of N^o. 48, Rue S^t Nicolas d'Antin, in the city of Paris, empire of France, for an invention for—"Improved means of treating barley, corn and other cereals for brewing and other purposes."
Provisional protection only.
- COURTOISE.**
26th September 1861. **2408.** MARIE FRANÇOIS ALEXANDRE COURTOISE, Architect, of Paris, for an invention for—"Improvements in kilns or ovens for burning or calcining limestone, chalk, cement and other substances requiring such process."
Provisional protection NOT granted.
- PASSAGER.**
26th September 1861. **2409.** JACQUES DENIS DESIRÉ PASSAGER, of Paris, France, Gentleman, for an invention for—"Improvements in lamps for burning palm or other similar fat oil."
Provisional protection only.
- LÉTÉ.**
26th September 1861. **2410.** VICTOR SOSTHÈNE LÉTÉ, of Paris, France, Gentleman, for an invention for—"Improvements in aerated or sparkling white wines."
Letters Patent sealed.

DAVIS. 26th September 1861.	2411. ROBERT DAVIS, of Splidts Terrace, Back Church Lane, in the County of Middlesex, Cooper, for an invention for—"Improvements in churns." <i>Provisional protection only.</i>
CLARK. 26th September 1861.	2412. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in the manufacture of peat."— <i>A communication to him from abroad by Auguste Marcelin Manrique, Comte de Lara et du Ren, Engineer, of 29, Boulevard St Martin, Paris.</i> <i>Letters Patent sealed.</i>
FRANKLIN. BACCHUS. 27th September 1861.	2413. RICHARD FRANKLIN, and GEORGE BACCHUS, of 10, Chapel Street, Stratford, in the County of Essex, for an invention for—"A reversible back supporting nursing belt." <i>Provisional protection only.</i>
SHIELDS. 27th September 1861.	2414. FRANCIS WEBB SHIELDS, of 47, Parliament Street, Westminster, in the County of Middlesex, Civil Engineer, for an invention for—"An improved method of applying wrought iron or steel plates to the covering and protection from the effects of shot and shell, of forts, buildings, floating vessels and other constructions." <i>Provisional protection only.</i>
SMITH. 27th September 1861.	2415. GEORGE SMITH, of Liverpool, in the County of Lancaster, Brass and Britannia Metal Finisher, for an invention for—"Improvements applicable to gas meters." <i>Letters Patent sealed.</i>
KIMBERLEY. 27th September 1861.	2416. JAMES KIMBERLEY, of Birmingham, in the County of Warwick, Wholesale Ironmonger and Manufacturer, for an invention for—"A new or improved machine for mortising, tenoning, sawing, boring, drilling and grooving wood." <i>Letters Patent sealed.</i>
McCALLUM. 27th September 1861.	2417. DUNCAN McCALLUM, of Greenock, in the County of Renfrew, North Britain, Engineer, for an invention for—"Improved arrangements for filling and closing bottles and other vessels." <i>Letters Patent sealed.</i>
ROWSSELL. 27th September 1861.	2418. SAMUEL ROWSELL, of Buckland St Mary, in the County of Somersetshire, Carpenter, for an invention for—"Improvements in horse rakes." <i>Letters Patent sealed.</i>
WALLER. 27th September 1861.	2419. JOSEPH WALLER, of Annerley, in the County of Surrey, Builder, for an invention for—"An improved smoke consuming stove."— <i>Provisional protection only.</i>
PHILLIPS. 27th September 1861.	2420. JOSEPH SCOTT PHILLIPS, Major H. M.'s Indian Retired List, of N ^o . 10, College Crescent, Finchley Road, N.W., London, for an invention for—"Enabling mankind to fly through the air." <i>Provisional protection NOT granted.</i>
GANIER. COLLET. 27th September 1861.	2421. GEORGES JOSEPH GANIER, and EMILE EUGÈNE COLLET, of N ^o . 12, place de la Bourse, in the City of Paris, and empire of France, Advertisement Agents, for an invention for—"Improvements in envelopes." <i>Letters Patent sealed.</i>
KNIGHT. 28th September 1861.	2422. JOHN ADAMS KNIGHT, of N ^o . 4, Symonds Inn, Chancery Lane, in the County of Middlesex, Patent Agent, for an invention for—"An improvement in steam pumping engines."— <i>A communication to him from abroad by Wellington Lee, of N^o. 197, East 19th Street, New York, United States of America.</i> <i>Letters Patent sealed.</i>
WILSON. 28th September 1861.	2423. WILLIAM NEWTON WILSON, of 144, High Holborn, in the County of Middlesex, Sewing-Machine Manufacturer, for an invention for—"Improvements in sewing-machines and apparatus connected therewith." <i>Letters Patent sealed.</i>
RIX. 28th September 1861.	2424. SAMUEL WILTON RIX, of Beccles, in the County of Suffolk, Gentleman, for an invention for—"New and improved methods of attaching or fixing woodwork, ironwork, fittings or furniture to walls or buildings."— <i>A communication to him from abroad by John Ackrill, Charles Maplestone, and Frederic Kaweran, of Melbourne, in the County of Bourke, in the Colony of Victoria.</i> <i>Provisional protection only.</i>
REEVES. 28th September 1861.	2425. JOHN REEVES, of the city of New York, in the United States of America, now residing in London, in the County of Middlesex, for an invention for—"Improvements in electro-magnetic engines for obtaining and applying motive-power." <i>Letters Patent sealed.</i>
LANE. 28th September 1861.	2426. DENNY LANE, of the County of the City of Cork, Secretary of the Cork Gas Consumers' Company, for an invention for—"Improvements in apparatus whereby to regulate the passage or flow of gas, water and other fluids." <i>Letters Patent sealed.</i>

MOIROUX. 28th September 1861.	2427. JOSEPH MOIROUX, of 11, Rue S ^t Elizabeth, Lyon, France, for an invention for—"A portable spring bedstead and mattress moveable and fixed, a hammock bed and spring mattress moveable and fixed." <i>Provisional protection NOT granted.</i>
POTTS. 28th September 1861.	2428. THOMAS POTTS, of Old Kent Road, in the County of Surrey, Gentleman, for an invention for—"An improvement in clasps for books, portfolios, desks and other similar articles." <i>Provisional protection only.</i>
THEILER. 28th September 1861.	2429. MEINRAD THEILER, of Einsiedeln, in the Republic of Switzerland, Engineer, for an invention for—"Improvements in telegraphs." <i>Letters Patent sealed.</i>
COMER. 28th September 1861.	2430. CHARLES COMER, junior, of the Broughton Copper Works, Salford, in the County of Lancaster, for an invention for—"Improvements in the manufacture of metal tubes for bedsteads and other purposes, and in the machinery employed therein." <i>Provisional protection only.</i>
SMITH. 30th September 1861.	2431. THOMAS SMITH, of Aberdeen Street, Sheffield, Optician, for an invention for—"Improvements in the construction of umbrellas adapted to purposes of self defence, some of which improvements are also applicable to other purposes." <i>Letters Patent sealed.</i>
FUNNELL. 30th September 1861.	2432. EDWARD FUNNELL, of 54, East Street, Brighton, in the County of Sussex, Watch and Clock Manufacturer, for an invention for—"A self acting alarum which can be fixed on tenders, guards' compartments or other parts of railway trains, for preventing collisions." <i>Provisional protection only.</i>
BICKFORD. SMITH. 30th September 1861.	2433. JOHN SOLOMON BICKFORD, and GEORGE SMITH, both of Tucking Mill, in the Parish of Camborne, in the County of Cornwall, Safety Fuze Manufacturers, for an invention for—"Improvements in the manufacture of safety fuzes." <i>Provisional protection only.</i>
GEORGE. 30th September 1861.	2434. BENJAMIN GEORGE GEORGE, of Hatton Garden, in the City of London, Lithographer, for an invention for—"Improvements in the mounting of tablets, show bills, prints, photographs and drawings, and of producing embossed ornamentation applicable to various purposes." <i>Letters Patent sealed.</i>
LUSH. 30th September 1861.	2435. JOSEPH LUSH, of S ^t George's Square, Portsea, in the County of Hants, Brewer, for an invention for—"Improvements in mashing-attemporators." <i>Letters Patent sealed.</i>
PENNYCOOK. 30th September 1861.	2436. CHARLES HILL PENNYCOOK, of Glasgow, in the County of Lanark, North Britain, for an invention for—"Improvements in chimney hoods and ventilators." <i>Provisional protection only.</i>
CHRISTY. 30th September 1861.	2437. WYVILL JAMES CHRISTY, of S ^t Alban's, in the County of Hertfordshire, Computer, for an invention for—"An improved method of mailing ships of war." <i>Provisional protection only.</i>
REOCHE. 30th September 1861.	2438. ETIENNE REOCHE, of Rue d'Enghien, Paris, in the Empire of France, Chemist, for an invention for—"A new medicinal preparation applicable internally for rheumatism and other disorders." <i>Provisional protection only.</i>
HICKMAN. 30th September 1861.	2439. HENRY HICKMAN, of Birmingham, in the County of Warwick, Drill Sergeant, for an invention for—"An improvement or improvements in protecting the locks and sights of fire-arms." <i>Complete specification; protection for six months only.</i>
WALTON. BEARD. 30th September 1861.	2440. FREDERICK WALTON, and RICHARD BEARD, junior, both of the British Grove Works, Chiswick, in the County of Middlesex, for an invention for—"Improvements in the manufacture of varnishes applicable to the waterproofing and coating of fabrics and other uses." <i>Letters Patent sealed.</i>
BOBCEUF. 30th September 1861.	2441. PIERRE ALEXIS FRANCISSE BOBCEUF, of Paris, in the French Empire, Chemist, for an invention for—"The preparation and application of certain new hemostatic and antiseptic agents." <i>Letters Patent sealed.</i>
MATTHEWS. 1st October 1861.	2442. WILLIAM EDSALL MATTHEWS, of Sea View, Parish of S ^t . Helen's, in the Isle of Wight, Baker, for an invention for—"An improved apparatus for conveying a line or other medium of communication from a ship or vessel, for the purpose of obtaining relief or assistance in case of shipwreck or for any other purpose to which the invention may apply." <i>Letters Patent sealed.</i>

KNIGHT. 1st October 1861.	2443. JOHN ADAMS KNIGHT, of N ^o . 4, Symonds Inn, Chancery Lane, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in the manufacture of boots and shoes."— <i>A communication to him from abroad by Henry Port, of the City of New York, in the United States of America.</i> <i>Provisional protection only.</i>
LESOURD. 1st October 1861.	2444. OSCAR OCTAVE LESOURD, of Paris, in the French Empire, but temporarily residing in Panton Street, in the County of Middlesex, Barrister, for an invention for—"Improvements in joining pipes and tubes or in forming or securing the joints thereof."— <i>A communication to him from abroad by Jules Lemoine, of 34, Rue Saint Paul, Paris, France.</i> <i>Letters Patent sealed.</i>
NIGHTINGALE. 1st October 1861.	2445. ROBERT NIGHTINGALE, of Maldon, in the County of Essex, Artist, for an invention for—"Improvements in markers, butts or mantelets." <i>Provisional protection only.</i>
SCOTT. 1st October 1861.	2446. JOHN WILLIAM SCOTT, of the City of Worcester, Button Manufacturer, for an invention for—"An improvement in gun wads." <i>Provisional protection only.</i>
SCOTT. 1st October 1861.	2447. JOHN WILLIAM SCOTT, of the City of Worcester, Button Manufacturer, for an invention for—"Improvements in tools for the manufacture of leather and other rings, washers and laces." <i>Letters Patent sealed by Order.</i>
PAYN. 1st October 1861.	2448. WILLIAM HENRY PAYN, of Dover, in the County of Kent, Solicitor, for an invention for—"Improvements in apparatus for preventing the loss of and facilitating the recovery of ships' moorings and submerged property in general."— <i>A communication to him from abroad by Elton Templemore, of Madras, India, Civil Engineer.</i> <i>Letters Patent sealed.</i>
HOGG. 1st October 1861.	2449. WILLIAM STRATFORD HOGG, of Rotherhithe Wall, Rotherhithe, in the County of Surrey, Ironmonger, for an invention for—"Improvements in rendering columns, girders, doors, shutters and other parts of buildings fire proof." <i>Letters Patent sealed.</i>
HESFORD. 2d October 1861.	2450. JAMES HESFORD, of Cunliffe Street Works, Bolton-le-Moors, in the County of Lancaster, Millwright and Engineer, for an invention for—"Certain improvements in steam-engines and in valves for steam and other fluids." <i>Provisional protection only.</i>
BISHOP. 2nd October 1861.	2451. ALBERT DEMERIT BISHOP, of 13, King Street, Cheapside, London, for an invention for—"Improvements in pumps." <i>Provisional protection only.</i>
RÉROLLE. 2nd October 1861.	2452. DENIS RÉROLLE, of 2, Rue Ste. Appoline, Paris (France), and of 4, South Street, Finsbury, London, Engineer, for an invention for—"An improved steam digging machine." <i>Provisional protection only.</i>
WYLEY. 2nd October 1861.	2453. ANDREW WYLEY, of Allsops Place, Regent's Park, in the County of Middlesex, Geological Surveyor, for an invention for—"Improvements in fire-arms." <i>Letters Patent sealed.</i>
FOWLER. 2nd October 1861.	2454. ALFRED FOWLER, of 4, Scotts Yard, Cannon Street, in the City of London, Civil Engineer, for an invention for—"Improvements in buffers of railway carriages." <i>Provisional protection only.</i>
DAVIS. EVANS. 2nd October 1861.	2455. JAMES DAVIS, Iron Master, Ulverston, in the County of Lancaster, and THOMAS EVANS, Engine Fitter, Ulverston, in the County of Lancaster, for an invention for—"Improvements in the construction of engines to be worked by steam, air or gases." <i>Letters Patent sealed.</i>
MALTBY. 2nd October 1861.	2456. WILLIAM MALTBY, of De Crespigny Park, Camberwell, County of Surrey, Gentleman, for an invention for—"Improvements in the manufacture of starch and starch gum." <i>Letters Patent sealed.</i>
COFFEY. 2nd October 1861.	2457. JOHN AMBROSE COFFEY, of Providence Row, Finsbury, in the County of Middlesex, Engineer, for an invention for—"Improvements in engines or apparatus for obtaining the motive-power of steam, water, air, gas or fluids." <i>Provisional protection only.</i>
BROOMAN. 2nd October 1861.	2458. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in the manufacture of figured colored fabrics and in machinery employed therein."— <i>A communication to him from abroad by Edme Germain Bossuat, of Paris, France.</i> <i>Letters Patent sealed.</i>

- THOMPSON.
STATHER.
2nd October 1861. 2459. WALKDEN THOMPSON, and THOMAS STATHER, of the Borough of Kingston-upon-Hull, Engineers, for an invention for—"Improvements in hydraulic presses."
Letters Patent sealed.
- BREFFIT.
2nd October 1861. 2460. EDGAR BREFFIT, of King William Street, in the City of London, Glass Manufacturer, for an invention for—"Improvements in machinery employed in cutting hollow and solid corks."
Letters Patent sealed.
- BREFFIT.
2nd October 1861. 2461. EDGAR BREFFIT, of King William Street, in the City of London, Glass Manufacturer, for an invention for—"Improvements in the manufacture of boxes or cases and in machinery employed therein."
Letters Patent sealed.
- HILL.
2nd October 1861. 2462. CHARLES GREY HILL, of Commerce Square, High Pavement, in the Town and County of the Town of Nottingham, Lace Manufacturer, for an invention for—"Improvements in machinery or in apparatus connected therewith in the manufacture of bonnet and cap fronts, rouches, and millinery or other trimmings."
Letters Patent sealed.
- DICKINSON.
3rd October 1861. 2463. JOHN CHARLES DICKINSON, of Blackburn, in the County of Lancaster, Machine Maker, for an invention for—"Certain improvements in steam-engines."
Letters Patent sealed.
- HENLEY.
3rd October 1861. 2464. WILLIAM THOMAS HENLEY, of St John's Street Road, Clerkenwell, in the County of Middlesex, Telegraph Engineer, for an invention for—"Improvements in magnetic and electric telegraph apparatus, which are also applicable to other purposes."
Letters Patent sealed.
- HADDAN.
MINASI.
3rd October 1861. 2465. JOHN COOPE HADDAN, of Bessborough Gardens, Pimlico, in the County of Middlesex, Civil Engineer, and CARLO MINASI, of N^o. 3, St James's Terrace, Kentish Town Road, in the same County, Professor of Music, for an invention for—"Improvements in the mode of discharging cannon and in apparatus for facilitating the proper aiming with fire arms."
Provisional protection only.
- WARWICK.
3rd October 1861. 2466. THOMAS WARWICK, of Birmingham, in the County of Warwick, Machinist, for an invention for—"An improvement in the manufacture of umbrellas and parasols, and improvements in machinery to be used in the manufacture of umbrellas and parasols."—*The result partly of a communication made to him by Charles Augustus Van Kirk, of Philadelphia, in the United States of America, and partly of invention and discovery made by him.*
Letters Patent sealed.
- LAW.
3rd October 1861. 2467. HENRY LAW, Civil Engineer, of N^o. 15, Essex Street, Strand, in the County of Middlesex, at present residing at Rio de Janeiro, in the Brazils, for an invention for—"Improvements in machinery and apparatus for raising ships and other vessels out of the water for the purposes of examination, cleaning or repair, some of which are applicable to the docking of vessels for the same purposes."
Letters Patent sealed.
- TANNAHILL.
3rd October 1861. 2468. JAMES ALFRED TANNAHILL, of the Devon and Cornwall Bank, Truro, in the County of Cornwall, for an invention for—"An improved apparatus for counting money."
Provisional protection only.
- ELLERSHAW.
3rd October 1861. 2469. ROBERT JOHN ELLERSHAW, of Leeds, in the County of York, for an invention for—"An improved machine for expressing oil."
Provisional protection only.
- EVANS.
3rd October 1861. 2470. THOMAS EVANS, of Westmoreland Street, Westminster, in the County of Middlesex, Mechanic, for an invention for—"Improvements in the manufacture of boots, shoes and other coverings for the feet, and in the machinery, apparatus and means connected with such manufacture."
Letters Patent sealed.
- MAUVERNAY.
3rd October 1861. 2471. CAMILLE MAUVERNAY, of Lyons, in the Empire of France, Gentleman, for an invention for—"An improved method of signalling the passage of trains upon railways."
Provisional protection only.
- WOOD.
3rd October 1861. 2472. JOSEPH WOOD, of Birmingham, in the County of Warwick, Gentleman, for an invention for—"Improvements in the manufacture of metal pens and holders, in tools employed therein, and in cards for carrying the same."
Provisional protection only.
- MALAM.
3rd October 1861. 2473. WILLIAM MALAM, of Skinner Street, in the City of London, Gas Engineer, for an invention for—"Improvements in apparatus for the manufacture of gas."
Letters Patent sealed.

STUART. 4th October 1861.	2474. JAMES STUART, of 5, Vulcan Place, Castor Street, Poplar, in the County of Middlesex, for an invention for—"Improvements in the treatment of oils obtained by the distillation of bones and other animal matters, for the purpose of obtaining matters which may be used as pigments and dye stuffs."— <i>Provisional protection only.</i>
KNOWLES. 4th October 1861.	2475. PETER KNOWLES, Foreman, in the employ of Messieurs Dobson and Barlow, of Bolton-le-Moors, in the County of Lancaster, Machine Makers, for an invention for—"Improvements in machinery for opening and cleaning cotton and other fibrous materials." <i>Letters Patent sealed.</i>
HUGHES. 4th October 1861.	2476. EDWARD THOMAS HUGHES, of the firm of Hughes and Son, Patent Agents, 123, Chancery Lane, London, for an invention for—"Improvements in the permanent way of railways."— <i>A communication to him from abroad by Laurent Rigolier, of Lyons, in the Empire of France.</i> <i>Letters Patent sealed.</i>
HUSSON. 4th October 1861.	2477. CHARLES HUSSON, of Nantes, in the Empire of France, Looking Glass Manufacturer, for an invention for—"An improved process for silvering looking-glass in piles of several sheets superposed without interruption, which process consists in the use of a chemical powder." <i>Letters Patent sealed.</i>
DAVID. 4th October 1861.	2478. ADOLPHE DAVID, junior, of Nantua, in the Empire of France, for an invention for—"Improvements in preparing and fixing street and other inscriptions or lettering on metallic plates." <i>Letters Patent sealed.</i>
BEESELEY. 4th October 1861.	2479. JOHN BEESELEY, of Coventry, Machinist, for an invention for—"Improvements in covering crinoline wire and other like substances." <i>Provisional protection only.</i>
KNOX. 4th October 1861.	2480. GEORGE KNOX, of Skinner's Place, in the City of London, Paper Manufacturer, for an invention for—"An improvement in paper-making machines." <i>Letters Patent sealed.</i>
ELSTOB. 4th October 1861.	2481. CHARLES MILLS ELSTOB, of Spalding, in the County of Lincoln, for an invention for—"Improvements in buckets and portable water cisterns." <i>Provisional protection only.</i>
GHISLIN. 4th October 1861.	2482. THOMAS GOULSTON GHISLIN, of Hatton Garden, in the City of London, Importer, for an invention for—"Improvements in the treatment or preparation of certain foreign plants or vegetable substances, and in the application of the same to various useful purposes for which horn, shell, whalebone, indurated leather, fish-skin, ivory, bone, hardwood, and compounds of india-rubber or gutta-percha have hitherto been employed." <i>Letters Patent sealed.</i>
PRATT. 4th October 1861.	2483. JOHN PRATT, of Coventry, in the County of Warwick, Manager, for an invention for—"Improvements in shuttles for weaving ribbons." <i>Provisional protection only.</i>
DELLAGANA. 4th October 1861.	2484. JAMES DELLAGANA, of Shoe Lane, in the County of Middlesex, Stereotype Founder, for an invention for—"Improvements in finishing and perfecting curved or circular stereotype plates and in apparatus for the same." <i>Provisional protection only.</i>
ICELY. 4th October 1861.	2485. SAMUEL ICELY, of Kent Cottage, Byron Street, Bromley, in the County of Middlesex, Engineer, for an invention for—"An improved manufacture of gongs." <i>Provisional protection only.</i>
TWEEDALE. 4th October 1861.	2486. JOSEPH TWEEDALE, of Milkstone, Rochdale, in the County of Lancaster, Machinist, for an invention for—"Improvements in machinery for preparing and spinning cotton and other fibrous substances." <i>Letters Patent sealed.</i>
LANSLEY. 5th October 1861.	2487. JOHN LANSLEY, of Brown-Candover, in the County of Hants, Agricultural Machinist, for an invention for—"Improvements in the construction of ploughs, drills, scarifiers and such like agricultural implements, the said improvements relating to the mode of guiding or steering the same."— <i>Letters Patent sealed.</i>
EDWARDS. 5th October 1861.	2488. JOHN EDWARDS, of 77, Aldermanbury, in the City of London, for an invention for—"Improvements in the manufacture of buttons." <i>Letters Patent sealed.</i>
PARTRIDGE. 5th October 1861.	2489. EBENEZER PARTRIDGE, of the Patent Axle Works, Smethwick, in the County of Stafford, Axle Manufacturer, for an invention for—"Improvements in hardening iron and steel, and a composition or substance to be employed therein." <i>Provisional protection only.</i>

- ROWAN.
5th October 1861. 2490. WILLIAM ROWAN, of the firm of John Rowan & Sons, of Belfast, in the County of Antrim, Engineers, for an invention for—"Improvements in cylinders or drums and beaters for machines for scutching and preparing flax and other fibres."
Letters Patent sealed.
- O'CONNOR.
5th October 1861. 2491. PATRICK O'CONNOR, of Wavertree, near Liverpool, in the County of Lancaster, Iron-monger, for an invention for—"Improvements in the construction of gas stoves for heating and warming."
Provisional protection only.
- COLLINS.
5th October 1861. 2492. JOHN SCOTT COLLINS, of Liverpool, in the County of Lancaster, of the firm of Coubrough, Boyd and Company, Ship Chandlers and Sail Makers, for an invention for—"An improved apparatus for reefing and furling the sails of ships and other vessels."
Letters Patent sealed.
- TURNER.
5th October 1861. 2493. JAMES TURNER, of Upper Thames Street, in the City of London, Baker, for an invention for—"An improved machine for mixing, mincing and pounding."
Provisional protection only.
- NARES.
5th October 1861. 2494. GEORGE NARES, of Portsmouth, in the County of Hants, Lieutenant R.N., for an invention for—"An improved method of effecting communication between places otherwise inaccessible to each other, by means of kites and an apparatus connected therewith."
Letters Patent sealed.
- CLARK.
5th October 1861. 2495. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"An improved gas regulator and purifier."—*A communication to him from abroad by Messrs. Jean Baptiste Francois Maliquet-Allegret, Proprietor, & Lucien Victor Teste, Architect, both of 18, Rue Ferrandière, Lyons, & of 29, Boulevard St Martin, Paris, both in the Empire of France.*
Provisional protection only.
- HUGHES.
5th October 1861. 2496. THOMAS HUGHES, of Birmingham, in the County of Warwick, Manager of the Imperial Iron Tube Company, for an invention for—"An improved high pressure tap for regulating and controlling the flow of steam, water or other fluids."
Letters Patent sealed.
- SQUIRE.
5th October 1861. 2497. WILLIAM SQUIRE, of Upper Montague Street, Bryanstone Square, in the County of Middlesex, Piano-forte Maker, for an invention for—"Improved machinery for planing and shaping wood."
Letters Patent sealed.
- WALKER.
7th October 1861. 2498. BERNARD PEARD WALKER, of Wolverhampton, in the County of Stafford, Manufacturer, for an invention for—"Improvements in rifle sights and rifle sight guards, and a new or improved rifle cleaner."
Provisional protection only.
- CHAPLIN.
7th October 1861. 2499. ALEXANDER CHAPLIN, of Glasgow, in the County of Lanark, and of Sackville Street, in the County of Middlesex, Engineer, for an invention for—"Improved combined winding engine, boiler and cooking and distilling apparatus, including improvements also applicable separately."
Letters Patent sealed.
- CALLCOTT.
7th October 1861. 2500. WILLIAM CALLCOTT, of Park Village East, in the County of Middlesex, Artist, for an invention for—"Improved means and apparatus for producing scenic effects."
Letters Patent sealed.
- KEILLER.
7th October 1861. 2501. WEDDERSPOON KEILLER, of Perth, in the County of Perth, Confectioner, for an invention for—"Improvements in signalling for rifle practice."
Provisional protection NOT granted.
- STOTHERT.
7th October 1861. 2502. GEORGE KELSON STOTHERT, of Bristol, for an invention for—"Improvements in condensing-apparatus."
Letters Patent sealed.
- SANSUM.
7th October 1861. 2503. JAMES EDWARD JOHN SANSUM, of Lower Kennington Lane, in the County of Surrey, Millwright, for an invention for—"Improved machinery for mashing malt."
Provisional protection only.
- EVANS.
7th October 1861. 2504. FREDERICK JOHN EVANS, of the Chartered Gas Works, Horseferry Road, Westminster, Gas Engineer, for an invention for—"Improved apparatus for generating gas."
Letters Patent sealed.
- WILLSHER.
7th October 1861. 2505. JOHN CHAPLIN WILLSHER, of Petches, in the Parish of Finchfield, in the County of Essex, Farmer, for an invention for—"Improvements in the construction of combined thrashing and dressing machines."
Letters Patent sealed.
- FORD.
8th October 1861. 2506. ALFRED FORD, of the Priory, Battersea, in the County of Surrey, Surgeon, for an invention for—"An improved method of forming waterproof fabrics by combining paper with woven or spun fabrics."
Letters Patent sealed.

CATFORD. WHEATLEY. 8th October 1861.	2507. WILLIAM CATFORD, of Chard, in the County of Somerset, Machinist, and JOHN SHERWOOD WHEATLEY, of Nottingham, in the County of Nottingham, Lace Manufacturer, for an invention for—"Improvements in the manufacture of bobbin net or twist lace." <i>Letters Patent sealed.</i>
WILLIS. 8th October 1861.	2508. HENRY WILLIS, of Albany Street, Regent's Park, in the County of Middlesex, Organ Builder, for an invention for—"Improvements in the construction of organs." <i>Letters Patent sealed.</i>
GLOVER. 8th October 1861.	2509. GEORGE GLOVER, of Lowestoft, Architect, for an invention for—"Improvements in constructing fire proof doors and window shutters." <i>Provisional protection only.</i>
SIMPSON. 8th October 1861.	2510. WILLIAM SIMPSON, of Calais, in the Empire of France, Lace Manufacturer, for an invention for—"Improvements in the manufacture of twist lace made in twist lace machines." <i>Letters Patent sealed.</i>
BREMNER. 8th October 1861.	2511. SAMUEL BREMNER, of the Belle Sauvage Works, Ludgate Hill, in the City of London, Printer and Engineer, for an invention for—"Improvements in the construction of printing-machines and in driving or actuating the same." <i>Letters Patent sealed.</i>
EVANS. 8th October 1861.	2512. ISAAC EVANS, junr, Collier, of Cefn Mawr, Ruabon, in the County of Denbighshire, North Wales, for an invention for—"An improved miners' lamp." <i>Letters Patent sealed.</i>
GRISDALE. 8th October 1861.	2513. JOHN EDWIN GRISDALE, of 53, Cheapside, in the City of London, Gentleman, for an invention for—"Improvements in certain tickets or passes for railway and other purposes." <i>Provisional protection only.</i>
SIEVIER. 9th October 1861.	2514. ROBERT WILLIAM SIEVIER, of Guilford Street, Russell Square, in the County of Middlesex, Gentleman, for an invention for—"Improvements in batteries for the purposes of war." <i>Letters Patent sealed.</i>
BAGGS. PARKES. 9th October 1861.	2515. ISHAM BAGGS, of Green Terrace, in the County of Middlesex, Civil Engineer, and JAMES THOMAS PARKES, of Almorah Terrace, in the said County, Gentleman, for an invention for—"Certain improvements in the manufacture and treatment of india-rubber and vulcanite as applied to various purposes." <i>Provisional protection only.</i>
SMITH. 9th October 1861.	2516. WILLIAM SMITH, of 21, King Street, West Smithfield, in the County of Middlesex, Gas Meter Manufacturer, for an invention for—"Improvements in apparatus for measuring and regulating the pressure of gas." <i>Letters Patent sealed.</i>
HASLEWOOD. 9th October 1861.	2517. EDWARD HASLEWOOD, of 7, Lothbury, in the City of London, Stockbroker, for an invention for—"Improvements in apparatus for preventing or lessening the slip of the driving wheels of locomotive engines."— <i>A communication to him by Samuel Thompson Armstrong, and Jared Wilson Post, of 181, Broadway, New York, in the United States of America.</i> <i>Provisional protection not granted.</i>
WALKER. 9th October 1861.	2518. JAMES WALKER, of the Knockagh, Carrickfergus, County Antrim, Ireland, for an invention for—"An improved chimney top, cap or cowl for the prevention of the descent of sooty exhalations, curing of smoky chimneys and ventilation of apartments." <i>Provisional protection only.</i>
NORMAN. 9th October 1861.	2519. JOHN NORMAN, of Glasgow, in the County of Lanark, North Britain, Engineer, for an invention for—"Improvements in hammers to be worked by steam or other elastic fluid, and in anvils for the same." <i>Letters Patent sealed.</i>
DAVIES. 9th October 1861.	2520. GEORGE DAVIES, of No. 1, Serle Street, Lincoln's Inn, in the County of Middlesex, and No. 28, St Enoch Square, in the City of Glasgow, Civil Engineer and Patent Agent, for an invention for—"Improvements in machinery for manufacturing shoes for horses and other animals."— <i>A communication to him from abroad by Thomas Randolph Taylor, of Cleveland, Ohio, in the United States of America.</i> <i>Letters Patent sealed.</i>
COATHUPE. WALTHAM. 9th October 1861.	2521. HENRY BENTINCK COATHUPE, of the Junior United Service Club, St. James's, in the County of Middlesex, Esquire, and FRANK HIGGINS WALTHAM, of 15, Palace Street, Haverstock Hill, in the said County, for an invention for—"Improvements in obtaining or producing and applying embossed or raised and engraved or indented metal or other surfaces." <i>Letters Patent sealed.</i>

- CURTIS.
9th October 1861. 2522. FREDERICK CURTIS, of Newton, in the County of Middlesex, and State of Massachusetts, of the United States of America, for an invention for—"A new and useful improvement in fire arms."
Letters Patent sealed.
- PALMER.
9th October 1861. 2523. WILLIAM PALMER, of Sutton Street, Clerkenwell, in the County of Middlesex, for an invention for—"Improvements in lamps and lamp wicks."
Letters Patent sealed.
- RUSSELL.
9th October 1861. 2524. JOHN JAMES RUSSELL, of the Crown Tube Works, Wednesbury, Patent Tube Manufacturer, for an invention for—"Improvements in hand stocks and dies for cutting screws."
Letters Patent sealed.
- TIDMARSH.
9th October 1861. 2525. THOMAS TIDMARSH, of Dorking, County of Surrey, Agriculturist, for an invention for—"An improved artificial manure."
Letters Patent sealed.
- SCHWARTZ.
9th October 1861. 2526. JOHN SCHWARTZ, of Osborn Street, Whitechapel, in the County of Middlesex, Sugar Refiner, for an invention for—"An improvement in the manufacture of sugar."
Letters Patent sealed; no specification filed.
- WILLIAMS.
10th October 1861. 2527. WILLIAM JAMES WILLIAMS, of Warnford Court, in the City of London, for an invention for—"An improved process of charging illuminating gas with the vapour of the hyduret of carbon, for the purpose of increasing its illuminating properties."
Provisional protection only.
- BENNETT.
COLLIER.
10th October 1861. 2528. THOMAS PETER BENNETT, of the Gilnow Mills, near Bolton-le-Moors, in the County of Lancaster, Manager, and JAMES COLLIER, of the same place, Mechanic, for an invention for—"Certain improvements in or applicable to self-acting mules for spinning."
Letters Patent sealed.
- BROWN.
10th October 1861. 2529. DAVID STEPHENS BROWN, of Eaton Lodge, Ashby Road, Islington, in the County of Middlesex, Gentleman, for an invention for—"Certain improvements in propelling and sustaining balloons and aerial machines in the air."
Provisional protection only.
- MOULD.
HALL.
COOK.
HACKING.
10th October 1861. 2530. WILLIAM MOULD, and JOHN HALL, of Belmont, near Bolton, and SAMUEL COOK, and WILLIAM HENRY HACKING, of Bury, all in the County of Lancaster, for an invention for—"Improvements in machinery for manufacturing healds or harness used in looms for weaving."
Letters Patent sealed.
- FELT.
10th October 1861. 2531. CHARLES WILSON FELT, of Salem, County of Essex, and State of Massachusetts, one of the United States of America, for an invention for—"An improved machine for setting, spacing, justifying and distributing printers' type."
Letters Patent sealed.
- STEVENS.
10th October 1861. 2532. JAMES STEVENS, Wholesale Haberdasher and Fancy Trimming Warehouseman, of Birmingham, in the County of Warwick, for an invention for—"Certain improvements in connectors and adjusters for connecting and adjusting crinolines."
Provisional protection only.
- CHRISTOPH.
HAWKSWORTH.
HARDING.
10th October 1861. 2533. LOUIS CHRISTOPH, of Paris, in the Empire of France, WILLIAM HAWKSWORTH, of Linlithgow, North Britain, Steel Manufacturer, and GUSTAVUS PALMER HARDING, of Paris, Merchant, for an invention for—"Improvements in the manufacture of cast steel and other metal tubes, and in the machinery or apparatus employed therein, parts of which improvements are applicable to the manufacture of gun barrels and ordnance, and to the rifling of same."
Letters Patent sealed.
- BROWNE.
10th October 1861. 2534. BENJAMIN BROWNE, of No. 52, King William Street, in the City of London, Civil Engineer and Patent Agent, for an invention for—"A new improved spring."—*A communication to him from abroad by Perry Green Gardiner, of New York City, in the County and State of New York, in the United States of America.*
Letters Patent sealed.
- DOWNS.
10th October 1861. 2535. JAMES DOWNS, of Kingston-upon-Hull, in the County of York, Engineer, for an invention for—"Improvements in pumps and stops used for working hydraulic presses."
Letters Patent sealed.
- NEWTON.
10th October 1861. 2536. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"An improved apparatus for heating the feed water of steam-engines."—*A communication to him from abroad by Francis Bowes Stevens, of Weehawken, New Jersey, United States of America.*
Letters Patent sealed.

PAYNE. BURGUM. 10th October 1861.	2537. WILLIAM PAYNE, and JOHN BURGUM, both of Birmingham, in the County of Warwick, Engineers and Millwrights, for an invention for—"Improved packing for engines and machinery." <i>Provisional protection only.</i>
CLARK. 10th October 1861.	2538. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in apparatus for bending iron rails or bars."— <i>A communication to him from abroad by Henri Nicolas Rogé, of 29, Boulevard St Martin, Paris.</i> <i>Letters Patent sealed.</i>
ENGLISH. 10th October 1861.	2539. ABRAHAM ENGLISH, of Hatfield, in the County of Herts, Inspector of Rural Police, for an invention for—"Improvements in reins or apparatus for preventing harnessed horses from falling." <i>Letters Patent sealed.</i>
KERNOT. RUCKER. 11th October 1861.	2540. CHARLES NOYES KERNOT, of Gloucester House, West Cowes, in the Isle of Wight, in the County of Southampton, Gentleman, and MARTIN DIEDERICH RUCKER, of 116, Fenchurch Street, in the City of London, Gentleman, for an invention for—"Improvements in the method of obtaining ammoniacal salts and other valuable products from liquors or substances containing ammonia, and for utilizing the residuum." <i>Letters Patent sealed.</i>
RICHARDSON. 11th October 1861.	2541. ROBERT RICHARDSON, of No. 26, Great George Street, Westminster, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in the manufacture of railway fastenings, and a mode of preparing rails and fish plates to receive them." <i>Provisional protection only.</i>
COLLINGWOOD. BUTTERWORTH. 11th October 1861.	2542. THOMAS BUTTERWORTH COLLINGWOOD, Manager, and ABRAHAM BUTTERWORTH, Overlooker, both of Rochdale, in the County of Lancaster, for an invention for—"Improvements in throstle and doubling frames for spinning and doubling fibrous materials." <i>Letters Patent sealed.</i>
NEWTON. 11th October 1861.	2543. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in the condensers and condensing apparatus of steam-engines."— <i>A communication to him from abroad by Francis Bowes Stevens, of Weehawken, New Jersey, United States of America.</i> <i>Letters Patent sealed.</i>
STRAM. 11th October 1861.	2544. NUMA STRAM, of 12, Ashby Street, Northampton Square, in the County of Middlesex, for an invention for—"Improvements in watches." <i>Letters Patent sealed.</i>
CLARK. 12th October 1861.	2545. JOHN CLARK, of Glasgow, in the County of Lanark, North Britain, Machinist, for an invention for—"Improvements in electric telegraph apparatus." <i>Provisional protection only.</i>
CORKE. 12th October 1861.	2546. EDGAR CORKE, of Southborough, Tunbridge Wells, in the County of Kent, Gentleman, for an invention for—"An improved instrument to be attached to the bayonet or barrel of a rifle or other fire-arm for estimating distances." <i>Provisional protection only.</i>
EDGE. 12th October 1861.	2547. ROBERT EDGE, of Dean Mills, near Bolton-le-Moors, in the County of Lancaster, Mechanic, for an invention for—"Certain improvements in machinery for preparing, spinning, and doubling cotton and other fibrous materials." <i>Provisional protection only.</i>
CARRINGTON. 12th October 1861.	2548. SAMUEL RATCLIFFE CARRINGTON, of Stockport, in the County of Chester, Hat Manufacturer, for an invention for—"Improvements in hats and caps." <i>Letters Patent sealed.</i>
RAMSDEN. 12th October 1861.	2549. JOHN CARTER RAMSDEN, of Bradford, in the County of York, Stuff Manufacturer, for an invention for—"Improvements in healds or heddles for weaving, and in the machinery or apparatus for making the same." <i>Letters Patent sealed.</i>
PIRSON. DEKEYSER. 12th October 1861.	2550. VICTOR PIRSON, and AUGUSTUS DEKEYSER, of the Anonymous Society of the Belgian Paper Manufactories, Brussels, in the Kingdom of Belgium, for an invention for—"The application of a new material in the manufacture of paper, cardboard and yarns." <i>Provisional protection only.</i>
HUGHES. 12th October 1861.	2551. EDWARD THOMAS HUGHES, of the firm of Hughes and Son, Patent Agents, 123, Chancery Lane, London, for an invention for—"An improved compound to prevent the incrustation and sediments of calcareous matters in boilers."— <i>A communication to him from abroad by Ernest Louis Pichio, of Paris, in the Empire of France.</i> <i>Provisional protection only.</i>

NELSON. 12th October 1861.	2552. HENRY NELSON, of the City of Manchester, in the County of Lancaster, Machine Maker, for an invention for—"Improvements in machinery or apparatus for punching washers for throstles and other similar purposes."— <i>Letters Patent sealed.</i>
FURLEY. 12th October 1861.	2553. ROBERT CHARLES FURLEY, of Edinburgh, in the County of Mid-Lothian, for an invention for—"An improvement in coating pills for rendering them tasteless." <i>Provisional protection only.</i>
CARTWRIGHT. 12th October 1861.	2554. MATTHEW CARTWRIGHT, of Carlisle, in the County of Cumberland, Dentist, for an invention for—"Improvements in stench traps." <i>Provisional protection only.</i>
NEWTON. 12th October 1861.	2555. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improved machinery for dressing or cleaning wheat and other grain."— <i>A communication to him from abroad by Samuel Bentz, of Hoods Mills, near Baltimore, Maryland, in the United States of America.</i> <i>Letters Patent sealed.</i>
TWIGG. 12th October 1861.	2556. GEORGE TWIGG, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"Improvements in clasps or fastenings for stay-busks." <i>Complete specification; Letters Patent sealed.</i>
DE LA JOUSSELANDIÈRE. 14th October 1861.	2557. EDOUARD RENÉ MARIE VIGNERON DE LA JOUSSELANDIÈRE, of Nantes, in the Empire of France, Gentleman, for an invention for—"Improvements in machinery for weaving cords and ropes." <i>Provisional protection only.</i>
MACNAB. 14th October 1861.	2558. WILLIAM MACNAB, of Greenock, in the County of Renfrew, North Britain, Engineer, for an invention for—"Improvements in marine steam-engines and boilers." <i>Letters Patent sealed.</i>
DISTIN. 14th October 1861.	2559. HENRY JOHN DISTIN, of No. 9, Great Newport Street, Leicester Square, in the County of Middlesex, Musical Instrument Manufacturer, for an invention for—"Improvements in metal musical wind instruments." <i>Letters Patent sealed.</i>
BROWNING. 14th October 1861.	2560. JOHN BROWNING, of the Minories, Optician, for an invention for—"Improvements in barometers." <i>Provisional protection only.</i>
TAYLOR. EDKINS. 14th October 1861.	2561. BENJAMIN TAYLOR, of Birmingham, in the County of Warwick, and CHARLES EDKINS, of the same place, Manufacturers, for an invention for—"Improvements in porte-ropes or dress suspenders, and also in apparatus for the suspension of curtains, draperies and other articles." <i>Complete specification; Letters Patent sealed.</i>
HOUGHTON. 14th October 1861.	2562. FREDERICK BURNETT HOUGHTON, of 6, Clarendon Terrace, Kensington, in the County of Middlesex, for an invention for—"Improvements in apparatus employed in reducing straw and other vegetable substances in the manufacture of pulp for making paper." <i>Letters Patent sealed.</i>
WALKER. 14th October 1861.	2563. MOWBRAY WALKER, of St Benet's Place, Gracechurch Street, in the City of London, Accountant, for an invention for—"Improvements in breech loading rifles." <i>Provisional protection only.</i>
FLINN. 15th October 1861.	2564. JOHN FLINN, the elder, of Coventry, Watch Manufacturer, for an invention for—"An improvement in watches." <i>Letters Patent sealed.</i>
WYNANTS. 15th October 1861.	2565. CORNEILLE WYNANTS, of Saint Josse-tén-Noode, in the Kingdom of Belgium, Engine Builder, for an invention for—"An improved chase for printing-presses." <i>Letters Patent sealed.</i>
BLAND. 15th October 1861.	2566. WILLIAM BLAND, of Baildon, near Leeds, in the County of York, Overlooker, for an invention for—"Improvements in pickers used in looms for weaving." <i>Provisional protection only.</i>
ROSS. 15th October 1861.	2567. WILLIAM ROSS, of Glasgow, in the County of Lanark, North Britain, Brassfounder, for an invention for—"Improvements in constructing taps or valves." <i>Letters Patent sealed.</i>
GILBERT. 15th October 1861.	2568. JOHN GILBERT, of Church Street, Old Kent Road, in the County of Kent, Engineer, for an invention for—"Improvements in endless railways." <i>Letters Patent sealed.</i>

NEWTON. 15th October 1861.	2569. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in the condensers and condensing apparatus of steam-engines."— <i>A communication to him from abroad by Francis Bowes Stevens, of Weehawken, New Jersey, in the United States of America.</i> <i>Letters Patent sealed.</i>
BROOMAN. 15th October 1861.	2570. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in the method of and apparatus for propelling ships and vessels."— <i>A communication to him from abroad by Charles Alexandre Séraphin Victor Marquis de la Baume, of Paris, France.</i> <i>Provisional protection only.</i>
DIXON. CLAYTON. 16th October 1861.	2571. JOHN DIXON, and ROBERT CLAYTON, both of Bradford, in the County of York, Engineers, for an invention for—"Improvements in the construction of railway wheels." <i>Letters Patent sealed.</i>
BROOMAN. 16th October 1861.	2572. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improvement in plates for the table."— <i>A communication to him from abroad by Victor Antoine Marcelin, of Paris France.</i> <i>Provisional protection only.</i>
BAKER. 16th October 1861.	2573. FRANCIS BRYAN BAKER, of Sherwood Street, Nottingham, for an invention for—"Improvements in dressing or stiffening lace and other fabrics." <i>Letters Patent sealed.</i>
FORSTER. 16th October 1861.	2574. THOMAS FORSTER, of Sparrow Hall, Streatham, in the County of Surrey, India-Rubber Manufacturer, for an invention for—"Improvements in reworking waste vulcanised india-rubber." <i>Letters Patent sealed.</i>
ADAMS. 16th October 1861.	2575. JOHN JAY ADAMS, of the City and State of New York, and United States of America, for an invention for—"A new and useful improvement in the manufacture of flexible back brushes for cleaning and dusting horses and other animals." <i>Complete specification; Letters Patent sealed.</i>
NEWTON. 16th October 1861.	2576. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improvements in the construction of grain and grass harvesters."— <i>A communication to him from abroad by Edwin Perry Russell, and Porter Tremain, of Manlius, Onondaga County, State of New York, United States of America.</i> <i>Letters Patent sealed.</i>
BIDDELL. 16th October 1861.	2577. WILLIAM BIDDELL, of Birmingham, in the County of Warwick, Metallurgist, for an invention for—"Improvements in the manufacture of shot." <i>Provisional protection only.</i>
CLARK. 16th October 1861.	2578. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in the means or apparatus for closing and securing mail bags and other packages."— <i>A communication to him from abroad by Jean Rémy Boubilla, of 29, Boulevard St Martin, Paris, Post Office Employé.</i> <i>Letters Patent sealed.</i>
LISTER. MYERS. 16th October 1861.	2579. JOSEPH LISTER, Engineer, and DAVID MYERS, Builder, both of Caledonia Street, Bradford, in the County of York, for an invention for—"Improvements in lifting or hoisting apparatus whereby to ensure the safety of the cage or article lifted when a rope or chain breaks or is overwound, and in hoists generally as applied to mills, warehouses and other buildings." <i>Letters Patent sealed.</i>
SMITH. 17th October 1861.	2580. WILLIAM SMITH, of Salisbury Street, Adelphi, Civil Engineer, for an invention for—"Improvements in the apparatus for and method of increasing the illuminating power of gas."— <i>A communication to him from abroad by Hugo Carstanjen, of Cologne.</i> <i>Complete specification; Letters Patent sealed.</i>
HAYES. 17th October 1861.	2581. REUBEN HAYES, of the City of Manchester, in the County of Lancaster, for an invention for—"Improvements in gun and ammunition carriages." <i>Provisional protection only.</i>
DEPLANQUE. 17th October 1861.	2582. LOUIS ALEXANDRE JOSEPH DEPLANQUE, residing N ^o . 26, Boulevard de Strasbourg, Paris, now Half Moon Hotel, 131, High Street, Borough, London, for an invention for—"Improvements in the machine to decorticate corn and seeds." <i>Provisional protection not granted.</i>
WESTON. 17th October 1861.	2583. WILLIAM THOMAS WESTON, of 4, Trafalgar Square (Patent Office), in the County of Middlesex, for an invention for—"Improvements in screw-wrenches." <i>Letters Patent sealed.</i>

- WELCH.
17th October 1861. 2584. WILLIAM WELCH, of 27, King Street, Southsea, Portsmouth, in the County of Hants, for an invention for—"Improvements in marine screw propellers." *Letters Patent sealed.*
- SMITH.
ROWCLIFFE.
17th October 1861. 2585. ROBERT SMITH, of 24, Higher Chatham Street, Chorlton-upon-Medlock, Machinist, and JOHN BARNOUIN ROWCLIFFE, of Ducie Works, Manchester, both of the County of Lancashire, for an invention for—"Improvements in apparatus for winding yarn or threads on the pin-bobbins or spools used in smallware and ribbon looms." *Letters Patent sealed.*
- DE GROOTE.
17th October 1861. 2586. CHARLES DE GROOTE, Short Hand Writer, of the City of Brussels, in the Kingdom of Belgium, for an invention for—"An improved instrument for corking bottles and other vessels." *Letters Patent sealed.*
- TATTERSALL.
17th October 1861. 2587. JOHN TATTERSALL, of Preston, in the County of Lancaster, Engineer, for an invention for—"Improvements in the construction of carding-engines used in the preparation of cotton and other fibrous substances for spinning." *Provisional protection only.*
- WILD.
HODSON.
17th October 1861. 2588. THOMAS WILD, of Heywood, in the County of Lancaster, Cotton Spinner, and THOMAS HODSON, of the same place, Engineer, for an invention for—"Certain improvements in the method of and apparatus for heating the 'feed water' for steam-boilers, and in employing steam produced by such means." *Letters Patent sealed.*
- MERRITT.
17th October 1861. 2589. THOMAS EDWARD MERRITT, of Rochester, in the County of Kent, Drawing Master, for an invention for—"Improvements in apparatus for obtaining motive-power." *Letters Patent sealed.*
- AYTOUN.
17th October 1861. 2590. ROBERT AYTOUN, of Edinburgh, in the County of Mid-Lothian, North Britain, Writer to the Signet, for an invention for—"Improvements in apparatus to be applied to chimneys or flues for improving the draught therein, and for preventing down draughts or the descent of smoke into apartments." *Letters Patent sealed.*
- CROOME.
18th October 1861. 2591. WILLIAM CROOME, of Kilmersdon, Radstock, near Bath, in the County of Somerset, Surgeon, for an invention for—"Improvements in lamps." *Letters Patent sealed.*
- DISTIN.
18th October 1861. 2592. HENRY JOHN DISTIN, of No. 9, Great Newport Street, Leicester Square, in the County of Middlesex, Musical Instrument Manufacturer, for an invention for—"Improvements in metal musical wind instruments." *Provisional protection only.*
- CROSTHWAITE.
ARMAN.
18th October 1861. 2593. JOHN CROSTHWAITE, of Liverpool, in the County of Lancaster, and THOMAS EDWARD ARMAN, of Liverpool, aforesaid, for an invention for—"Improvements in the construction of targets and in signal apparatus to be used therewith." *Provisional protection only.*
- GOUCHER.
18th October 1861. 2594. JOHN GOUCHER, of Worksop, in the County of Nottingham, Iron Founder, Engineer and Machinist, for an invention for—"Improvements in the beaters and drums used in thrashing-machines." *Letters Patent sealed.*
- PEYTON.
18th October 1861. 2595. EDWARD PEYTON, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"Improvements in the frames of metal bedsteads." *Letters Patent sealed.*
- LAWSON.
CARTER.
18th October 1861. 2596. JAMES LAWSON, Trumpet Major, and HENRY CARTER, Trumpet Major, both of the Royal Artillery, Woolwich, in the County of Kent, for an invention for—"Improvements in metal musical wind instruments." *Provisional protection only.*
- ABEL.
18th October 1861. 2597. CHARLES DENTON ABEL, of 20, Southampton Buildings, Chancery Lane, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in apparatus for the simultaneous manufacture of white lead and vinegar."—*A communication to him from abroad by Robert Rowland, residing in the City of New York, in the United States of America.* *Letters Patent sealed.*
- HOLT.
18th October 1861. 2598. CHARLES HERBERT HOLT, of Huddersfield, in the County of York, Engineer, for an invention for—"Improvements in steam-engines and boilers and in apparatus connected therewith, part of which improvements is also applicable to raising and measuring fluids generally." *Letters Patent sealed.*

STREATHER. 18th October 1861.	2599. WILLIAM STREATHER, of Raunds, in the County of Northampton, Builder, for an invention for—"Improvements in the construction of wind engines and in the structure containing the same, parts of which are applicable in the construction of windmills." <i>Letters Patent sealed.</i>
SADLER. 18th October 1861.	2600. WILLIAM SADLER, of 11, Tredegar Place, Bow Road, in the County of Middlesex, for an invention for—"Improvements in armour plated ships." <i>Provisional protection only.</i>
ROBERTSON. 18th October 1861.	2601. PATRICK ROBERTSON, of Sun Court, Cornhill, in the City of London, for an invention for—"Improvements in the manufacture of cartridges."— <i>A communication to him from abroad by the inventors Algernon Johnston, of the City of Middletown, in the State of Connecticut, and Lorenzo Dow, of the City of Topeka, in the State of Kansas, United States of America.</i> <i>Letters Patent sealed.</i>
TAYLOR. 18th October 1861.	2602. BENJAMIN TAYLOR, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"An improvement or improvements in the manufacture of certain descriptions of brace webs known as india-rubber webs." <i>Provisional protection only.</i>
COWAN. 18th October 1861.	2603. THOMAS WILLIAM COWAN, of the Kent Iron Works, Greenwich, County of Kent, Engineer, for an invention for—"Improvements in the construction of breechloading ordnance." <i>Provisional protection only.</i>
JOHNSON. 18th October 1861.	2604. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in braiding-machines."— <i>A communication to him from abroad by Thomas James Sloan, of Paris, in the Empire of France, Engineer.</i> <i>Letters Patent sealed.</i>
MACMEIKAN. 18th October 1861.	2605. HUGH MACMEIKAN, of Stratford, in the County of Essex, for an invention for—"Improvements in smelting copper, gold and other ores."— <i>A communication to him from abroad by Rowland Vounder Rodda, of Alberton, near Adelaide, South Australia.</i> <i>Letters Patent sealed.</i>
CHEYNE. MOSELEY. 18th October 1861.	2606. CHARLES CHEYNE, of 19, Great George Street Westminster, Civil Engineer, and THOMAS BEEBY MOSELEY, of Lewisham, in the County of Kent, for an invention for—"Improvements in the construction of apparatus for signalling on railways, by which improvements the signalling apparatus is rendered self registering or recording, and also applicable for measuring and recording the speed of passing trains and the time of their passage, part of which improvements is applicable for recording the speed of trains where signalling is not required." <i>Letters Patent sealed.</i>
WEBSTER. 19th October 1861.	2607. JAMES WEBSTER, of Birmingham, in the County of Warwick, Engineer, for an invention for—"Improvements in manufacturing oxygen gas and obtaining certain other products." <i>Letters Patent sealed.</i>
HUDSON. 19th October 1861.	2608. WALTER GREVILLE CONYERS HUDSON, of N ^o . 25, Milk Street, Cheapside, in the City of London, Agent, for an invention for—"An improved portable apparatus for copying letters and other written papers or documents." <i>Provisional protection only.</i>
MUSHET. 19th October 1861.	2609. ROBERT MUSHET, of Coleford, in the County of Gloucester, Metallurgist, for an invention for—"A new or improved manufacture of titanic pig metal or alloy of titanium and iron." <i>Letters Patent sealed.</i>
LEPEINTEUR. 19th October 1861.	2610. THÉOPHILE LEPEINTEUR, of Paris, in the Empire of France, Glove Manufacturer, for an invention for—"Improvements in fastenings for gloves, belts and other articles." <i>Letters Patent sealed.</i>
FEARNLEY. 19th October 1861.	2611. THOMAS FEARNLEY, of Arcadia Street, Manningham, near Bradford, in the County of York, Engineer, for an invention for—"Improvements in steam hammers." <i>Letters Patent sealed.</i>
COOPER. 19th October 1861.	2612. JAMES COOPER, of Hightown, near Leeds, in the County of York, Cotton Spinner and Doubler, for an invention for—"Improvements in carding-engines for the carding of cotton, silk, wool and other fibrous substances." <i>Provisional protection only.</i>
MARSHALL. 19th October 1861.	2613. JOHN MARSHALL, of N ^o . 10, Savile Row, St James', Westminster, in the County of Middlesex, for an invention for—"The collection, concentration and transmission of sound so as to facilitate the hearing thereof." <i>Letters Patent sealed.</i>

BOURNE. KIDD. 19th October 1861.	2614. JAMES BOURNE, of Oakamoor, in the County of Stafford, Engineer, and EDWARD KIDD, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"Improved machinery for the manufacture of metal tubes and cylinders, which is also applicable to other useful purposes." <i>Letters Patent sealed.</i>
WAINWRIGHT. 19th October 1861.	2615. JOHN WAINWRIGHT, of Connaught Place West, in the County of Middlesex, Dental Surgeon, for an invention for—"Improvements in ventilating rooms and buildings." <i>Provisional protection only.</i>
DE BERGUE. 19th October 1861.	2616. CHARLES DE BERGUE, of Dowgate Hill, in the City of London, Engineer, for an invention for—"Improvements in sleeper chairs for the permanent way of railways." <i>Letters Patent sealed.</i>
CAMBRIDGE. 19th October 1861.	2617. WILLIAM COLBORNE CAMBRIDGE, of Bristol, Agricultural Implement Maker, for an invention for—"An improvement in the construction of harrows." <i>Letters Patent sealed.</i>
EVANS. 19th October 1861.	2618. FREDERICK JOHN EVANS, of the Gas Works, Horseferry Road, in the City of Westminster, Gas Engineer, for an invention for—"An improved mode of and apparatus for carburetting gases for the purpose of illumination." <i>Letters Patent sealed.</i>
BLOXAM. 19th October 1861.	2619. HENRY BLOXAM, the younger, of Shrewsbury, in the County of Salop, Engineer, for an invention for—"Improvements in sights for rifles and ordnance." <i>Letters Patent sealed.</i>
LAMPLOUGH. 21st October 1861.	2620. HENRY LAMPLOUGH, of No. 113, Holborn Hill, in the County of Middlesex, Chemist, for an invention for—"Improvements in the means for igniting the wicks of candles and lamp wicks." <i>Letters Patent sealed.</i>
M'DOUGALL. 21st October 1861.	2621. COLIN M'DOUGALL, of the City of Manchester, in the County of Lancaster, Wholesale Warehouseman, for an invention for—"Improvements in connecting and fastening the bands of covered steel or other materials used for crinolines." <i>Letters Patent sealed.</i>
SMITH. 21st October 1861.	2622. JOHN SMITH, of Bradford, in the County of York, Machinist, for an invention for—"Improvements in machinery or apparatus for combing cotton or other fibrous substances." <i>Provisional protection only.</i>
SMITH. 21st October 1861.	2623. JOSIAH TIMMIS SMITH, of Barrow in Furness, in the County of Lancaster, Engineer, for an invention for—"An improvement or improvements in collecting the inflammable gases evolved from blast-furnaces." <i>Letters Patent sealed.</i>
OLDFIELD. 21st October 1861.	2624. EDWARD OLDFIELD, of the firm of Messieurs Oddy and Oldfield, of the Adelphi Iron Works, Salford, in the County of Lancaster, Machine Makers, for an invention for—"Improvements in self acting mules for spinning and doubling." <i>Letters Patent sealed.</i>
CALVERT. 21st October 1861.	2625. FRANCIS ALTON CALVERT, of the City of Manchester, Engineer, for an invention for—"Improvements in engines, to be propelled by compressed atmospheric air or steam." <i>Letters Patent sealed.</i>
PHILLIPS. 21st October 1861.	2626. JOSEPH SCOTT PHILLIPS, Major H. M.'s I. R. List, of No. 10, College Crescent, Finchley Road, London, N.W., for an invention for—"A new method and apparatus for the propulsion of vessels through the water." <i>Provisional protection only.</i>
GEDGE. 21st October 1861.	2627. WILLIAM EDWARD GEDGE, of the firm of John Gedge and Son, of No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in the manufacture of flannel."— <i>A communication to him from abroad by Jean Pierre Manichon, junior, of Reims, France, Manufacturer.</i> <i>Provisional protection only.</i>
FENTON. 21st October 1861.	2628. FERRAR FENTON, of Fishguard, in the County of Pembroke, for an invention for—"Improvements in obtaining and treating fibrous substances." <i>Letters Patent sealed.</i>
WINNIATT. 21st October 1861.	2629. WILLIAM WINNIATT, of Bristol, in the County of Somerset, Baker, for an invention for—"Improvements in machines for kneading dough." <i>Provisional protection only.</i>
MAILLARD. 21st October 1861.	2630. NICHOLAS DORAN PROBY MAILLARD, of Dublin, Gentleman, for an invention for—"Improvements in ploughs." <i>Provisional protection only.</i>

TOWARD. 21st October 1861.	2631. JOHN TOWARD, of the Glasshouse Bridge Iron Works, Newcastle-upon-Tyne, Engineer, for an invention for—"Improvements in machinery or apparatus for bending iron." <i>Provisional protection only.</i>
JOHNSON. 21st October 1861.	2632. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in apparatus for facilitating the passage of trains up steep gradients on railways."— <i>A communication to him from abroad by Thomas Agudio, of Turin, in the Kingdom of Italy, Engineer.</i> <i>Letters Patent sealed.</i>
TOWARD. 21st October 1861.	2633. JOHN TOWARD, of the Glasshouse Bridge Iron Works, Newcastle-upon-Tyne, Engineer, for an invention for—"Improvements in armour plates for ships and in securing the same to the sides of a vessel." <i>Letters Patent sealed.</i>
CONNELL. 21st October 1861.	2634. WILLIAM CONNELL, of Sewardstone Mills, in the County of Essex, Bleacher, for an invention for—"Improvements in machinery or apparatus for washing fabrics, yarns, wool, clothes and other similar articles." <i>Provisional protection only.</i>
FROST. 22nd October 1861.	2635. HERBERT FROST, of the City of Manchester, Manager of the Manchester Water Meter Company, Limited, for an invention for—"Improvements in apparatus for measuring fluids." <i>Letters Patent sealed.</i>
ENGLAND. 22nd October 1861.	2636. GEORGE ENGLAND, of Hatcham Iron Works, New Cross, in the County of Surrey, Engineer, for an invention for—"Improvements in planing-machines." <i>Letters Patent sealed.</i>
MUSHET. 22nd October 1861.	2637. ROBERT MUSHET, of Coleford, in the County of Gloucester, Metallurgist, for an invention for—"An improvement or improvements in the manufacture of a certain metallic alloy." <i>Letters Patent sealed.</i>
WARD. 22nd October 1861.	2638. FREDERICK OLDFIELD WARD, of No. 6, Hertford Street, May fair, London, in the County of Middlesex, for an invention for—"Improvements in hydraulic presses and in the machinery and apparatus appertaining thereto and requisite in working the same, part of such improvements relating to the pumping machinery attached to hydraulic presses, and this part being applicable to pumping machinery employed for other purposes." <i>Letters Patent sealed.</i>
MAY. 22nd October 1861.	2639. HENRY MAY, of the firm of Knight and May, Eagle Factory, Tewkesbury, in the County of Gloucester, Shoe Manufacturer, for an invention for—"Improvements in goloshes." <i>Letters Patent sealed.</i>
FOX. 22nd October 1861.	2640. HOWARD BUSBY FOX, of Liverpool, in the County of Lancaster, for an invention for—"Improvements applicable to iron and other metallic bedsteads." <i>Letters Patent sealed.</i>
BROOMAN. 22nd October 1861.	2641. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in reaping-machines."— <i>A communication to him from abroad by Cyrus Hall McCormick, of Chicago, United States of America.</i> <i>Provisional protection only.</i>
ARCHER. 23rd October 1861.	2642. GEORGE ARCHER, of Raunds, in the County of Northampton, Shoemaker, for an invention for—"Improvements in sewing boots and shoes." <i>Letters Patent sealed.</i>
BIRKBECK. 23rd October 1861.	2643. GEORGE HENRY BIRKBECK, of the firm of Tongue & Birkbeck, of 34, Southampton Buildings, Chancery Lane, in the County of Middlesex, Patent Agents and Engineers, for an invention for—"Improvements in processes or means employed for separating or extracting silver from lead."— <i>A communication to him from abroad by Jules Frederic de la Batie, Advocate, of Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
BEVAN. 23rd October 1861.	2644. ALFRED BEVAN, of Gravesend, Architect, for an invention for—"Improvements in the construction of iron vessels and iron plated ships of war." <i>Provisional protection only.</i>
YOUNG. 23rd October 1861.	2645. SAMUEL YOUNG, of Belfast, in the County of Antrim, Mill Manager and Machinist, for an invention for—"Improvements in the spindles and flyers of machinery employed for spinning and twisting flax, hemp, jute, cotton, silk, wool and other fibrous substances." <i>Provisional protection only.</i>

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| <p>BRISON.
CHAVANNE.
23rd October 1861.</p> <p>WILSON.
23rd October 1861.</p> <p>KEACH.
23rd October 1861.</p> <p>DELIRY.
23rd October 1861.</p> <p>MOREL.
23rd October 1861.</p> <p>KIRKWOOD.
23rd October 1861.</p> <p>DAVIES.
23rd October 1861.</p> <p>CRAMMOND.
23rd October 1861.</p> <p>JOHNSON.
23rd October 1861.</p> <p>MARSHALL.
23rd October 1861.</p> <p>PULVERMACHER.
23rd October 1861.</p> <p>LORD.
23rd October 1861.</p> <p>DAVIES.
24th October 1861.</p> <p>BAKER.
24th October 1861.</p> | <p>2646. CLAUDE BRISON, and ANTOINE CHAVANNE, both of Lyons, France, Gentleman, for an invention for—"Improvements in ovens, kilns or furnaces for manufacturing or other purposes."
<i>Letters Patent sealed.</i></p> <p>2647. JOHN WILLIAM WILSON, of Barnsley, in the County of York, Timber Merchant, for an invention for—"Improvements in machinery for digging and cultivating the soil, and in steam-engines connected therewith and for other agricultural purposes."
<i>Provisional protection only.</i></p> <p>2648. HENRY KEACH, Artist in Design, 16, Bedford Terrace, Andover Road, Holloway, in the County of Middlesex, for an invention for—"An improvement in the manufacture of segars."
<i>Provisional protection only.</i></p> <p>2649. JOSEPH FELIX VICTOR DELIRY, of the Town of Soissons, in the Empire of France, Baker, for an invention for—"An improved mechanical kneading-trough."
<i>Letters Patent sealed.</i></p> <p>2650. AUGUSTIN MOREL, of Roubaix, in the Department du Nord, and Empire of France, Manufacturer, for an invention for—"A new machine for combing all filamentous materials."
<i>Letters Patent sealed.</i></p> <p>2651. JAMES KIRKWOOD, of Paisley, in the County of Renfrew, North Britain, Manufacturer, for an invention for—"Improvements in looms for weaving."
<i>Provisional protection only.</i></p> <p>2652. GEORGE DAVIES, of No. 1, Serle Street, Lincoln's Inn, in the County of Middlesex, and No. 28, St. Enoch Square, in the City of Glasgow, Civil Engineer and Patent Agent, for an invention for—"Improvements in railways and in iron pavements and railways combined, parts of which improvements are applicable to the construction of railway chairs, and to cast iron pavements for ordinary streets."—<i>A communication to him from abroad by Barzillai Coat Smith, of Burlington, New Jersey, in the United States of America.</i>
<i>Letters Patent sealed.</i></p> <p>2653. ROBERT CRAMMOND, of Newtown, in the County of Roxburgh, Timber Merchant, for an invention for—"Improvements in self acting railway signals."
<i>Provisional protection only.</i></p> <p>2654. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in preventing and removing deposit in steam-boilers and other vessels and in the apparatus employed therein."—<i>A communication to him from abroad by Joseph Harrison, of Philadelphia, in the United States of America.</i>
<i>Letters Patent sealed.</i></p> <p>2655. JOHN MARSHALL, of Great George Street, in the City of Westminster, Civil Engineer, for an invention for—"Improvements in traction engines and wheels, and in carriages to be drawn by traction engines, which improvements in wheels are applicable to common road carriages generally."
<i>Provisional protection only.</i></p> <p>2656. ISAC LOUIS PULVERMACHER, of Oxford Street, in the County of Middlesex, Electrician, for an invention for—"Improvements in apparatuses for the production of galvanic and magneto-electric currents, and in machinery employed in making some of the apparatuses."
<i>Letters Patent sealed.</i></p> <p>2657. WILLIAM BARRY LORD, of the Royal Artillery, Veterinary Surgeon and First Lieutenant, now residing at Plymouth, in the County of Devon, for an invention for—"An improved plug and socket or apparatus for closing and opening passages for the flow of liquids and fluids."
<i>Letters Patent sealed.</i></p> <p>2658. GEORGE DAVIES, of No. 1, Serle Street, Lincoln's Inn, in the County of Middlesex, and No. 28, St. Enoch Square, in the City of Glasgow, Civil Engineer and Patent Agent, for an invention for—"Improvements in lamps for burning coal oil and similar fluids."—<i>A communication to him from abroad by Joseph Thomas, of New York, and Joseph Tindall Van Kirk, of Philadelphia, in the United States of America.</i>
<i>Provisional protection only.</i></p> <p>2659. JOSEPH BAKER, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"An improvement or improvements in everpointed pencil cases."
<i>Provisional protection only.</i></p> |
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CAMPBELL. 24th October 1861.	2660. ALEXANDER FRANCIS CAMPBELL, of Great Plumstead, in the County of Norfolk, Gentleman, for an invention for—"Improvements in railways." <i>Letters Patent sealed.</i>
MORRIS. WEARE. MONCKTON. 24th October 1861.	2661. TIMOTHY MORRIS, ROBERT WEARE, & EDWARD HENRY CRADOCK MONCKTON, all of 4, Trafalgar Square (Patent Office), in the County of Middlesex, for an invention for—"Improvements in magnets, induction coils, and in insulating wire and metal for electric and other purposes." <i>Letters Patent sealed.</i>
HEATON. DEAN. 24th October 1861.	2662. JOHN COWPE HEATON, and JOHN DEAN, both of Rotherham, in the County of York, for an invention for—"Improvements in the construction of taps or cocks." <i>Letters Patent sealed.</i>
DICKS. 24th October 1861.	2663. WILLIAM DICKS, of Floore, in the County of Northampton, Smith, for an invention for—"Improvements in water meters." <i>Letters Patent sealed.</i>
CHESTERMAN. 24th October 1861.	2664. JAMES CHESTERMAN, of Sheffield, in the County of York, Manufacturer, for an invention for—"Improvements in heating steel and iron, and in hardening and tempering steel, and in apparatuses employed therein." <i>Letters Patent sealed.</i>
McCALL. SLOPER. 24th October 1861.	2665. JOHN McCALL, of Houndsditch, in the City of London, Provision Merchant, and BEVAN GEORGE SLOPER, of Walthamstow, in the County of Essex, Chemist, for an invention for—"An improvement in the preservation of articles of food." <i>Letters Patent sealed.</i>
BOYD. 24th October 1861.	2666. ROBERT ANDREW BOYD, of Southwark, in the County of Surrey, Merchant, for an invention for—"An improved furnace or fire-place especially adapted to the singeing of pigs." <i>Letters Patent sealed.</i>
TUCKER. MANNERS. 25th October 1861.	2667. EDWARD SAMUEL TUCKER and FREDERICK ERSKINE MANNERS, of No. 1, Red Lion Court, Fleet Street, London, for an invention for—"Improvements in the construction of revolving and moveable surfaces applicable to the exhibition of advertisements, show cases, transparencies and other like matters at fixed stations." <i>Provisional protection only.</i>
WHARTON. 25th October 1861.	2668. WILLIAM WHARTON, of Birmingham, in the County of Warwick, Engineer, for an invention for—"Improvements in the manufacture or construction of springs for railway or other vehicles." <i>Letters Patent sealed.</i>
CHAMBERS. 25th October 1861.	2669. ENOCH CHAMBERS, of the City of Melbourne, in the Colony of Victoria, Ironfounder, for an invention for—"The use of hydraulic power for the breaking, crushing or pulverizing of quartz, blue stone or other stone or mineral of any description, and the use of a wrought iron lever or jaw in machines for crushing quartz or any other mineral, and the use of steel teeth and steel shield pieces for the levers or jaws in such machines." <i>Complete specification; Letters Patent sealed.</i>
MAY. 25th October 1861.	2670. CHARLES NEALE MAY, of Devizes, in County of Wilts, Engineer, for an invention for—"Improvements in garden pots." <i>Provisional protection only.</i>
GREEN. GREEN. 25th October 1861.	2671. EDWARD GREEN, and EDWARD GEEEN, the younger, both of Wakefield, in the County of York, Engineers, for an invention for—"Improvements in apparatuses for generating, superheating and condensing steam." <i>Letters Patent sealed.</i>
OPPENHEIM. 25th October 1861.	2672. SIMON OPPENHEIM, Merchant, of Paris (Empire of France), 2, Rue S ^e Appoline, and 4, South Street, Finsbury, London, for an invention for—"Improvements in the manufacture of printed shirt fronts." <i>Provisional protection only.</i>
ARON. 25th October 1861.	2673. LAZARE ARON, Merchant, of 2, Rue Sainte Appoline, Paris, (Empire of France), and 4, South Street, Finsbury, London, for an invention for—"Improvements in cravats and their mode of attachment." <i>Provisional protection only.</i>
ALEXANDRE. 25th October 1861.	2674. EDOUARD ALEXANDRE, Organ Builder, of 2, Rue Sainte-Appoline, Paris, France, & of 4, South Street, Finsbury, London, for an invention for—"An improved pedal-box to be applied to flutinas or small organs and other similar musical instruments." <i>Letters Patent sealed.</i>
MOORE. 25th October 1861.	2675. THOMAS MOORE, of No. 33, Regent Circus, Piccadilly, in the County of Middlesex, for an invention for—"Improvements in windlasses and in checking or stopping chains worked thereby." <i>Letters Patent sealed.</i>

- SCHALKENBACH.
25th October 1861. 2676. JEAN BAPTISTE SCHALKENBACH, of Trevis, Rhenish Prussia, for an invention for—"A new kind of keyed musical instrument combining the effects of percussion instruments or the effect of trumpets and similar instruments with the effects of ordinary keyed instruments."
Letters Patent sealed.
- RICHARDSON.
IRVINE.
25th October 1861. 2677. THOMAS RICHARDSON, of Newcastle-on-Tyne, and ROBERT IRVINE, of Hurler, Renfrewshire, Analytical Chemist, for an invention for—"Improvements in treating bones and gelatine."
Provisional protection only.
- GILSON.
25th October 1861. 2678. HENRY GILSON, of the Main-Offeren Slate Quarries, Festiniog, North Wales, for an invention for—"Improvements in slate dressing machines for cutting and trimming the edges of slates."
Letters Patent sealed.
- LOBB.
25th October 1861. 2679. JAMES LOBB, of the Gunpowder Works, Dartmoor, in the County of Devon, for an invention for—"Improvements in gunpowder suitable for blasting."
Provisional protection only.
- LA MOTHE.
25th October 1861. 2680. BERNARD JOACHIM LA MOTHE, of the City and State of New York, in the United States of America, for an invention for—"Improvements in the construction of metallic rail-road cars and other vehicles."
Letters Patent sealed.
- COX.
26th October 1861. 2681. NATHANIEL COX, of the City of Chester, Iron Ship Builder, for an invention for—"Improvements in the mode of connecting and attaching 'armour' plates when applied to ships, forts, batteries and such like."
Provisional protection only.
- BARNETT.
26th October 1861. 2682. FREDERIC BARNETT, residing at No. 60, St. Mary Axe, in the City of London, for an invention for—"Improved electric danger signals for railways and other cognate purposes."
Provisional protection only.
- MENNONS.
26th October 1861. 2683. MARC ANTOINE FRANÇOIS MENNON, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"Improved apparatus for ascertaining the presence and degree or cessation of vitality in the human body and in animals of the higher class, applicable to the semeioses of health, disease and death."—*A communication from Léon Victor Collongues (M.D.), a person resident at No. 72, Grand Rue, Passy-lez-Paris, in the Empire of France.*
Complete specification; Letters Patent sealed.
- ROBERTSON.
HETHERINGTON.
26th October 1861. 2684. WILLIAM ROBERTSON, of the City of Manchester, Engineer, and JOHN MUIR HETHERINGTON, of the Vulcan Works, in the City of Manchester, Machine Maker, for an invention for—"Certain improvements in mules for spinning and doubling."
Letters Patent sealed.
- SIDEBOTTOM.
26th October 1861. 2685. JOHN SIDEBOTTOM, of Harewood, near Mottram, in the County of Chester, Cotton Spinner and Manufacturer, for an invention for—"Certain improvements in machinery for making partial tubes for the spindles of spinning and other machines."
Letters Patent sealed.
- SICARD.
26th October 1861. 2686. JEAN LOUIS SICARD, of Nice, France, and of 4, South Street, Finsbury, London, Gentleman, for an invention for—"An improved apparatus for purifying, measuring and weighing grain and oleaginous seeds."
Complete specification; Letters Patent sealed.
- WRIGLEY.
26th October 1861. 2687. FRANCIS WRIGLEY, of the City of Manchester, in the County of Lancaster, Consulting Engineer, for an invention for—"Improvements in the construction of railway wheels and wheel tyres."
Provisional protection only.
- PARKES.
26th October 1861. 2688. SAMUEL HICKLING PARKES, of the firm of James Parkes and Son, of Birmingham, in the County of Warwick, Manufacturers, for an invention for—"Improvements in watch keys."
Provisional protection only.
- NORTON.
26th October 1861. 2689. JAMES LEE NORTON, of Belle Sauvage Yard, Ludgate Hill, in the City of London, for an invention for—"Improvements in beating, stretching and drying fabrics and in the apparatus employed therein, part of which apparatus is also applicable for thrashing linseed."—*The result partly of a communication from abroad made to him by William Aldon, of 28, Boulevard Bonne Nouvelle, Paris, in the Empire of France, and partly of invention and discovery made by himself.*
Provisional protection only.
- GREENWOOD.
26th October 1861. 2690. ROBERT BENJAMIN GREENWOOD, of No. 5, Durham place East, Hackney Road, in the County of Middlesex, for an invention for—"An improved billiard rest."
Provisional protection only.

TAYLOR. 26th October 1861.	2691. WILLIAM TAYLOR, of Newport Pagnell, in the County of Buckingham, Soda Water Manufacturer, for an invention for—"Improvements in joints or connections for metal and other pipes and tubes." <i>Letters Patent sealed.</i>
STEVENS. 26th October 1861.	2692. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"Improved apparatuses for indicating escapes of lighting gas from the conveying pipes, and determining the precise leaking places of the said pipes."— <i>A communication to him from abroad by Charles Antoine Fournier, of Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
HUTTON. 26th October 1861.	2693. GEORGE HUTTON, of Manchester, in the County of Lancaster, Cap Manufacturer, trading under the firm of Beckton and Company, for an invention for—"Improvements in hats, caps and other such coverings for the head." <i>Letters Patent sealed.</i>
SMITH. 26th October 1861.	2694. WILLIAM SMITH, of Leek, in the County of Stafford, Gentleman, for an invention for—"Improvements in the preservation of stone, brick and other such materials used in building, applicable also to the waterproofing of walls." <i>Letters Patent sealed.</i>
McCLINTOCK. 28th October 1861.	2695. EMORY McCLINTOCK, of N ^o . 200, Mulberry Street, New York, United States of America, now staying at N ^o . 100, Fleet Street, in the City of London, for an invention for—"Improvements in the manufacture of soda and sulphuric acid." <i>Provisional protection only.</i>
PREDAVALLE. 28th October 1861.	2696. BARTOLOMEO PREDAVALLE, of 143, Fleet Street, in the City of London, Civil Engineer, for an invention for—"A new mode of and apparatus for producing and obtaining an hydro-pneumatic motive-power." <i>Provisional protection only.</i>
WATSON. 28th October 1861.	2697. GEORGE WILLIAM WATSON, of Surrey Docks, Rotherhithe, Surrey, for an invention for—"An improved mode or method of reefing fore and aft sails." <i>Provisional protection only.</i>
RYDER. RYDER. 28th October 1861.	2698. WILLIAM RYDER, Bolton-le-Moors, in the County of Lancaster, Roller and Spindle Maker, and THOMAS RYDER, of the same place, Foreman, for an invention for—"Improvements in machinery for fluting rollers." <i>Letters Patent sealed.</i>
CLARK. 28th October 1861.	2699. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in the means of obtaining and producing printing-surfaces."— <i>A communication to him from abroad by Alphonse Edouard Aufray, Merchant, and C. François Germain Léopold Tabar, Artist, of 29, Boulevard St. Martin, Paris.</i> <i>Provisional protection only.</i>
GILBERT. 28th October 1861.	2700. GEORGE MOWBRAY GILBERT, of 1, Albany Terrace, Britannia Square, Worcester, for an invention for—"Improvements in preparing blue colour and in apparatus for applying such colour to water." <i>Letters Patent sealed.</i>
AUDOUY. 28th October 1861.	2701. CHARLES AUDOUY, of Paris, in the French Empire, Gentleman, for an invention for—"Improvements in the mode of and apparatus for raising sunken ships and other sunken bodies, and also in structures or apparatus intended for being purposely sunk and raised." <i>Provisional protection only.</i>
WATT. HAVISIDE. 29th October 1861.	2702. JOHN WATT, of 35, Lorrimore Street, Walworth, in the County of Surrey, Chemist, and THOMAS SNAITH HAVISIDE, of 69, Cornhill, in the City of London, Gentleman, for an invention for—"Improvements in the manufacture of soap." <i>Letters Patent sealed.</i>
BAYLISS. 29th October 1861.	2703. OLIVER BAYLISS, of Birmingham, in the County of Warwick, Gun Barrel Maker, for an invention for—"Improvements in double sighted double rifle guns for military and sporting purposes." <i>Letters Patent sealed.</i>
MARTIN. 29th October 1861.	2704. JOSEPH MARTIN, of Liverpool, in the County of Lancaster, Corn and Rice Miller, for an invention for—"Improvements in granaries and the apparatus connected therewith." <i>Provisional protection only.</i>
SUCKOW. HABEL. 29th October 1861.	2705. EDMUND SUCKOW, and EDWARD HABEL, of the City of Manchester, in the County of Lancaster, Engineers, for an invention for—"Improvements in anti-friction mechanism for receiving the end thrust of screw propeller and other rotating shafts." <i>Provisional protection only.</i>
BIBBINGTON. 29th October 1861.	2706. JOHN BIBBINGTON, of Rochdale, in the County of Lancaster, Lime Merchant, for an invention for—"Improvements in machinery for breaking and crushing limestone and other hard substances." <i>Provisional protection only.</i>

- BENNETT.
29th October 1861. 2707. FREDERICK BENNETT, of Bagillt, in the County of Flint, Manager, for an invention for—"An improvement in the manufacture of spelter."
Letters Patent sealed.
- FURLONGE.
29th October 1861. 2708. WILLIAM HOLLAND FURLONGE, of Mark Lane, in the City of London, Merchant, for an invention for—"Improvements in the condensation of steam by surface contact."
Letters Patent sealed.
- SAVILE.
29th October 1861. 2709. WILLIAM SAVILE, of the firm of Messieurs Haywood and Savile, of Hounds Gate, in the Town and County of the Town of Nottingham, Manufacturers of Elastic Surgical Stockings, for an invention for—"Improvements in machinery or apparatus for the manufacture of elastic surgical stockings, socks, knee caps, belts, bands or other articles."
Provisional protection only.
- GIBBON.
29th October 1861. 2710. RICHARD GIBBON, of the Royal Brewery, Brentford, in the County of Middlesex, Brewer, for an invention for—"Improvements in machinery or apparatus for preparing grain for brewers."
Letters Patent sealed.
- EAGLESFIELD.
29th October 1861. 2711. JOHN EAGLESFIELD, of Devizes, in the County of Wilts, Watch Maker, for an invention for—"Improvements in gas-burners."
Letters Patent sealed.
- JACKSON.
29th October 1861. 2712. JOHN SAMUEL JACKSON, of Pendleton, in the County of Lancaster, Warehouseman, for an invention for—"Improvements in the treatment of woven fabrics known as cords."
Letters Patent sealed.
- SCOTT.
29th October 1861. 2713. MICHAEL SCOTT, of Parliament Street, Westminster, for an invention for—"Improvements in hydraulic presses."
Provisional protection only.
- HAYWARD.
29th October 1861. 2714. JOHN HAYWARD, of Everton, Liverpool, in the County of Lancaster, for an invention for—"Improvements in means or apparatus for raising water or other fluids."
Letters Patent sealed.
- JOHNSON.
29th October 1861. 2715. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in machinery for enamelling moulded and other surfaces."—*A communication to him from abroad by Robert Marcher, of New York, in the United States of America, Manufacturer of prepared mouldings and oval frames.*
Letters Patent sealed.
- JOHNSON.
29th October 1861. 2716. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in the preparation or treatment of skins and hides."—*A communication to him from abroad by Doctor Friedrich Knapp, of Munich, in the Kingdom of Bavaria.*
Letters Patent sealed.
- PRIESTLEY.
30th October 1861. 2717. RICHARD ROWNTREE PRIESTLEY, of Glasgow, North Britain, Woollen and Worsted Yarn and Commission Agent, for an invention for—"Improvements in the manufacture of woven fabrics."
Provisional protection only.
- MENNONS.
30th October 1861. 2718. MARC ANTOINE FRANÇOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"An improved composition for igniting lucifer matches."—*A communication from Messrs Auguste Halinbourg, and Léopold Ber, persons resident at N°. 128, Faubourg Poissonnière, Paris (France).*
Provisional protection only.
- MENNONS.
30th October 1861. 2719. MARC ANTOINE FRANÇOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"Improvements in the construction of horticultural cases."—*A communication from Léon Albert Binet, a person resident at Levallois, in the Empire of France.*
Provisional protection only.
- LEIGH.
30th October 1861. 2720. EVAN LEIGH, of the City of Manchester, in the County of Lancaster, Mechanical Engineer, for an invention for—"Improvements in the construction of sailing ships and other vessels."
Letters Patent sealed.
- BODEN.
30th October 1861. 2721. EDWIN BODEN, of the Worsley Mills, near the City of Manchester, Manufacturer, for an invention for—"Certain improvements in the construction of lamps."
Provisional protection only.
- COWPER.
30th October 1861. 2722. WILLIAM COWPER, of Oldham, in the County of Lancaster, Timber Merchant, for an invention for—"Improvements in machinery for cutting or dividing wood into scantling or laths."
Provisional protection only.

WINFIELD. 30th October 1861.	2723. ROBERT WALTER WINFIELD, of Birmingham, in the County of Warwick, Merchant and Manufacturer, for an invention for—"An improvement or improvements in the manufacture of pulley rods for curtains, commonly called French pulley rods." <i>Letters Patent sealed.</i>
WINFIELD. 30th October 1861.	2724. ROBERT WALTER WINFIELD, of Birmingham, in the County of Warwick, Merchant and Manufacturer, for an invention for—"An improvement or improvements in ornamenting metallic bedsteads and other articles of metallic furniture." <i>Letters Patent sealed.</i>
COOK. COOK. 30th October 1861.	2725. WILLIAM COOK, of Beaufort Villas, Brixton, in the County of Surrey, Gentleman, and HENRY COOK, of Manchester, in the County of Lancaster, Gentleman, for an invention for—"Improvements in printing-telegraphs." <i>Letters Patent sealed.</i>
DE BASSANO. BRUDENNE. 30th October 1861.	2726. EUGENE DE BASSANO, Gentleman, and ADOLPHE BRUDENNE, Civil Engineer, both of Brussels, in the Kingdom of Belgium, for an invention for—"Improvements in the manufacture of stearine." <i>Letters Patent sealed.</i>
NORTON. 30th October 1861.	2727. JAMES LEE NORTON, of Belle Sauvage Yard, Ludgate Hill, in the City of London, for an invention for—"Improvements in apparatus for raising water."— <i>The result partly of a communication from abroad made to him by William Aldon, of 28, Boulevard Bonne Nouvelle, Paris, in the Empire of France, and partly of invention and discovery made by himself.</i> <i>Letters Patent sealed.</i>
TOPHAM. TOPHAM. TOPHAM. 30th October 1861.	2728. ALFRED TOPHAM, JOSEPH TOPHAM, and JABEZ TOPHAM, all of St Pierre les Calais, in the Empire of France, Lace Manufacturers, for an invention for—"Improvements in the manufacture of lace." <i>Letters Patent sealed.</i>
BROOMAN. 30th October 1861.	2729. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improved steel button and method of manufacturing the same."— <i>A communication to him from abroad by Henri Jesson, of Paris, France.</i> <i>Provisional protection only.</i>
WATSON. 30th October 1861.	2730. EDWARD WATSON, of King Street, in the City of London, Jeweller, for an invention for—"An improved fastening for buttons, studs, solitaires, brooches, civil and military decorations and other like articles." <i>Provisional protection only.</i>
MATHEW. 31st October 1861.	2731. BROWNLOW HUGH MATHEW, Lieutenant Royal Bombay Engineers, of St James's, in the County of Middlesex, for an invention for—"Improvements in fire-arms and in cartridges." <i>Provisional protection only.</i>
FANSHAWE. JAQUES. 31st October 1861.	2732. JOHN AMERICUS FANSHAWE, of Tottenham, in the County of Middlesex, Engineer, and JAMES ARCHIBALD JAQUES, of the same place, Chemist, for an invention for—"Improvements in the construction of steam generators." <i>Letters Patent sealed.</i>
NORMAN. 31st October 1861.	2733. GEORGE NORMAN, of St Matthias Place, Stoke Newington Green, in the County of Middlesex, Cabinet Manufacturer, for an invention for—"Improvements in the mounting of cots or cradles." <i>Letters Patent sealed.</i>
FANSHAWE. JAQUES. 31st October 1861.	2734. JOHN AMERICUS FANSHAWE, of Tottenham, in the County of Middlesex, Engineer, and JAMES ARCHIBALD JAQUES, of the same place, Chemist, for an invention for—"Improvements in the means of securing the doors of railway carriages." <i>Provisional protection only.</i>
HOLCROFT. 1st November 1861.	2735. GEORGE HOLCROFT, of the City of Manchester, Consulting Engineer, for an invention for—"Improvements in the construction of blast furnaces for smelting ores." <i>Letters Patent sealed.</i>
THOMAS. 1st November 1861.	2736. LYNALL THOMAS, of No. 9, Union Street, Berkeley Square, in the County of Middlesex, Gentleman, for an invention for—"Improvements in rifled ordnance and projectiles." <i>Letters Patent sealed.</i>
LANG. 1st November 1861.	2737. DAVID LANG, of 26, Skinner Street, Snow Hill, London, for an invention for—"Improved moulded india-rubber boots, shoes and other like articles."— <i>A communication to him from abroad by Germain Burnet, 12, Rue de l'Echiquier, Paris.</i> <i>Provisional protection only.</i>

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| <p>WILLIAMS.
1st November 1861.</p> <p>CLARK.
1st November 1861.</p> <p>MALING.
1st November 1861.</p> <p>WHITEHEAD.
1st November 1861.</p> <p>HIGGINS.
WHITWORTH.
1st November 1861.</p> <p>MITCHELL.
BRUNTON.
1st November 1861.</p> <p>MUSHET.
1st November 1861.</p> <p>MYERS.
MYERS.
HILL.
1st November 1861.</p> <p>SMITH.
1st November 1861.</p> <p>PRIESTLY.
1st November 1861.</p> <p>SMITH.
1st November 1861.</p> <p>HENRY.
1st November 1861.</p> <p>SMITH.
BENNETT.
1st November 1861.</p> <p>WORSLEY.
2nd November 1861.</p> <p>BROOKS.
2nd November 1861.</p> | <p>2738. WILLIAM JAMES WILLIAMS, of Warnford Court, in the City of London, Merchant, for an invention for—"An improved process for correctly transmitting the effect of the main levers in platform scales to the steelyard or weighing-beam of platform scales."
<i>Letters Patent sealed.</i></p> <p>2739. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in photograph albums."—<i>A communication to him from abroad by Claude Mamès Augustin Marion, Stationer, of 29, Boulevard St. Martin, Paris, in the Empire of France.</i>
<i>Provisional protection only.</i></p> <p>2740. ELIZABETH ANNE MALING, of No. 25, Whitehead's Grove, Chelsea, in the County of Middlesex, Spinster, for an invention for—"Improvements in glass cases for the cultivation of plants and flowers."
<i>Letters Patent sealed.</i></p> <p>2741. THOMAS BODEN WHITEHEAD, of Collyhurst Road, in the City of Manchester, and County of Lancaster, Engineer, for an invention for—"Improvements in steam-boilers, applicable also to other vessels or chambers containing steam."
<i>Provisional protection only.</i></p> <p>2742. JAMES HIGGINS, of Salford, in the County of Lancaster, Machine Maker, and THOMAS SCHOFIELD WHITWORTH, of the same place, Manager, for an invention for—"Improvements in machinery or apparatus for preparing cotton and other fibrous materials for spinning."
<i>Letters Patent sealed.</i></p> <p>2743. BENJAMIN MITCHELL, of Greenwich, in the County of Kent, Tailor, and WILLIAM BRUNTON, of Penge, in the County of Surrey, Engineer, for an invention for—"Improvements in the construction of scissors and shears."
<i>Letters Patent sealed.</i></p> <p>2744. ROBERT MUSHET, of Coleford, in the County of Gloucester, Metallurgist, for an invention for—"An improvement or improvements in the manufacture of cast steel or of homogeneous iron."
<i>Letters Patent sealed.</i></p> <p>2745. MYER MYERS, and MAURICE MYERS, trading under the style or firm of Myers & Son, Steel Pen Manufacturers, of Birmingham, in the County of Warwick, and WILLIAM HILL, Manager to the said firm, also of Birmingham, aforesaid, for an invention for—"Certain improvements in metallic clips or joints for holding, connecting and adjusting crinolines and other like purposes."
<i>Letters Patent sealed.</i></p> <p>2746. ANDREW SMITH, of Mauchline, in the County of Ayr, North Britain, Gentleman, for an invention for—"Improvements in producing or delineating ornamental lines and figures on metal and other surfaces."
<i>Provisional protection only.</i></p> <p>2747. RICHARD ROWNTREE PRIESTLY, of Glasgow, in the County of Lanark, North Britain, Yarn Agent, for an invention for—"Improvements in the production of cotton, worsted or composite yarns."
<i>Provisional protection only.</i></p> <p>2748. ANDREW SMITH, of Mauchline, in the County of Ayr, North Britain, Gentleman, for an invention for—"An improved combined book marker and paper cutter."
<i>Provisional protection only.</i></p> <p>2749. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in steam-engines and boilers."—<i>A communication to him from abroad by Henry Giffard, of 33, Boulevard Saint Martin, Paris, France.</i>
<i>Letters Patent sealed.</i></p> <p>2750. WILLIAM BICKFORD SMITH, of Camborne, in the County of Cornwall, Merchant, and WILLIAM BENNETT, of Tucking Mill, in the County of Cornwall, Workman, for an invention for—"Improvements in the method of and apparatus for preventing the injurious effects occasioned by smoke, sulphur, and the deleterious gases which escape from stacks, chimneys, calcining houses, chemical and other furnaces."
<i>Provisional protection only.</i></p> <p>2751. WILLIAM WORSLEY, of Hovingham, in the County of York, Baronet, for an invention for—"A self acting railway signal."
<i>Provisional protection only.</i></p> <p>2752. JAMES SMITH BROOKS, of No. 1, Cambridge Villas, Mare Street, Hackney, in the County of Middlesex, for an invention for—"A new or improved back or chest protecting brace or braces."
<i>Letters Patent sealed.</i></p> |
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YARROW. HILDITCH. 2nd November 1861.	2753. ALFRED FERNANDEZ YARROW, of Arundel Square, Barnsbury, Engineer, and JAMES BRACEBRIDGE HILDITCH, of Barnsbury Villas, Gentleman, both in the County of Middlesex, for an invention for—"Improvements in machinery used when ploughing, tilling or cultivating land by steam power."— <i>Letters Patent sealed.</i>
WILSON. 2nd November 1861.	2754. JOHN CHARLES WILSON, Manager for G. Buchanan & Co., Engineers, 25, Bucklersbury, London, Civil & Mechanical Engineer, for an invention for—"Improvements in machinery or apparatus for the manufacture of sugar." <i>Letters Patent sealed.</i>
WALKER. 2nd November 1861.	2755. THOMAS WALKER, Engineer, of 18, Robert Terrace, King's Road, Chelsea, in the County of Middlesex, for an invention for—"Certain improvements in the construction of cables or chains for telegraphic and other purposes, and for machinery connected therewith." <i>Provisional protection only.</i>
WRIGHT. 2nd November 1861.	2756. JAMES WRIGHT, of 42, Bridge Street, Blackfriars, in the City of London, Civil Engineer, for an invention for—"Improvements in the method of and apparatus for separating foreign matters from the droppings from carding-machines and for returning the residue thereunto."— <i>A communication to him from abroad by James Fitton & Francis Edward Fullerton, of Cavendish, in the County of Windsor, in the State of Vermont, United States of America.</i> <i>Complete specification: Letters Patent sealed.</i>
FRENCH. 2nd November 1861.	2757. JOHN FRENCH, of Manchester Road, Bradford, in the County of York, Mechanic, for an invention for—"Improvements in machinery or apparatus for doubling or twisting yarns of worsted or other fibrous substances." <i>Letters Patent sealed.</i>
BROWN. HACKING. 2nd November 1861.	2758. BENJAMIN BROWN, of Bury, in the County of Lancaster, Mechanic, and RICHARD HACKING, of the same place, Machine Maker, for an invention for—"Improvements in machinery for preparing cotton to be spun, known as openers, scutchers and carding-engines." <i>Letters Patent sealed.</i>
OSBORNE. 2nd November 1861.	2759. SAMUEL OSBORNE, of Bayswater, in the County of Middlesex, Stay Manufacturer, for an invention for—"Improvements in hooped skirts." <i>Letters Patent sealed.</i>
LOCKIE. 2nd November 1861.	2760. THOMAS LOCKIE, of Glasgow, in the County of Lanark, North Britain, Engineer, for an invention for—"Improvements in the manufacture of wrought iron wheels." <i>Letters Patent sealed.</i>
EVANS. 2nd November 1861.	2761. GEORGE EVANS, of 69, Gloucester Terrace, Portman Square, for an invention for—"Improvements in treating peat to render it useful as fuel and for illuminating and metallurgical purposes." <i>Letters Patent sealed.</i>
WORSSAM. 2nd November 1861.	2762. SAMUEL WILLIAM WORSSAM, of King's Road, Chelsea, in the County of Middlesex, Engineer, for an invention for—"Improvements in machinery for cutting wood." <i>Letters Patent sealed.</i>
SPENCER. ROBINSON. 2nd November 1861.	2763. THOMAS SPENCER, of Prescott, in the County of Lancaster, Earthenware Manufacturer, and THOMAS ROBINSON, of St Helen's, in the said County, Engineer, for an invention for—"Improvements in machinery or apparatus for making pipes and other articles of earthenware, and in the form of pipes for gas, sewage and other purposes."— <i>The result partly of a communication from abroad made to them by Alfred Delafol, of Paris, in the Empire of France, and partly of invention and discovery made by themselves.</i> <i>Letters Patent sealed.</i>
BOWDEN. 4th November 1861.	2764. JOSEPH BOWDEN, of the Hulme Street Works, Salford, in the County of Lancaster, Manufacturing Chemist and Drysalter, for an invention for—"Certain improvements in dyeing and in apparatus employed in dyeing." <i>Provisional protection only.</i>
ANDERSON. 4th November 1861.	2765. JOHN CORBET ANDERSON, of 2, Portland Place, Sumner Road, Croydon, S., for an invention for—"Improvements in apparatus for projecting cricket balls with accuracy." <i>Provisional protection only.</i>
ARCHER. 4th November 1861.	2766. JOHN ARCHER, of Birmingham, in the County of Warwick, Managing Clerk to the Firm of William and Thomas Avery, of Birmingham, aforesaid, Scale Beam and Weighing Machine Manufacturers, for an invention for—"Improvements in certain kinds of weighing-machines, balances and scale beams." <i>Letters Patent sealed.</i>

- STEWART.
4th November 1861. 2767. JOHN STEWART, of Glasgow, in the County of Lanark, North Britain, Plumber, for an invention for—"Improvements in the manufacture of cards for jacquard weaving."—*A communication to him from abroad by Louis Joseph Fillion, of Grougis, Aisne, France.* *Provisional protection only.*
- HORTON.
4th November 1861. 2768. GEORGE HORTON, of Sheffield, in the County of York, Auger Maker, for an invention for—"An improved construction of skate." *Letters Patent sealed.*
- CLARK.
4th November 1861. 2769. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in water meters."—*A communication to him from abroad by Messrs Frank Grant Johnson, of Brooklyn, King's County, State of New York, William Thompson Barkley Milliken, of Morrisania, Westchester County, State of New York, and Edmund Jones, of the City, County and State of New York, United States of America.* *Provisional protection only.*
- WESTON.
4th November 1861. 2770. WILLIAM THOMAS WESTON, of No. 4, Trafalgar Square (Patent Office), in the County of Middlesex, for an invention for—"An improved spring and fastening applicable to gates, doors and other useful purposes." *Letters Patent sealed.*
- ASHLEY.
4th November 1861. 2771. JOHN ASHLEY, of 13, Grosvenor Place, Bath, Doctor of Laws, for an invention for—"Improvements in apparatus for attaching horses to carriages." *Letters Patent sealed.*
- WILSON.
5th November 1861. 2772. ROBERT WILSON, of Patricroft, near the City of Manchester, Engineer, for an invention for—"Certain improvements in steam hammers and in valves applicable to the same and to other steam-engines." *Letters Patent sealed.*
- LIVESEY.
5th November 1861. 2773. JAMES LIVESEY, of the City of Manchester, Engineer, for an invention for—"Improvements in apparatus for communicating from one part of a railway train to another and for coupling pipes." *Provisional protection only.*
- BROOKS.
5th November 1861. 2774. EDGAR BROOKS, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"An improvement or improvements in the manufacture of bayonets." *Letters Patent sealed.*
- HALL.
5th November 1861. 2775. WILLIAM HALL, of Calais, in the Empire of France, Lace Manufacturer, for an invention for—"Improvements in the production of curved and other forms in articles of lace." *Letters Patent sealed.*
- HAYES.
5th November 1861. 2776. CHARLES FREDERICK HAYES, of the Royal Small Arms Factory, Enfield, in the County of Middlesex, Engineer, for an invention for—"Improvements in means or apparatus for generating steam." *Letters Patent sealed.*
- FETHNEY.
5th November 1861. 2777. RICHARD FETHNEY, of the City of Manchester, in the County of Lancaster, Machinist, for an invention for—"Improvements in machinery or apparatus for preparing, spinning or doubling cotton, silk and other fibrous materials, parts of which improvements are applicable for winding and other purposes." *Letters Patent sealed.*
- BROOMAN.
5th November 1861. 2778. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in steam generators and in furnaces for the same."—*A communication to him from abroad, by Alexandre Friedmann, and Frederic Emile De Erlanger, both of Paris, France.* *Letters Patent sealed.*
- BOWRA.
5th November 1861. 2779. EDWARD BOWRA, of Upper Norwood, in the County of Surrey, for an invention for—"Improvements in the manufacture of elastic fabrics." *Letters Patent sealed.*
- LOVE.
5th November 1861. 2780. JOHN BERESFORD LOVE, of Philadelphia, in the State of Pennsylvania, in the United States of America, for an invention for—"Improvements in the mode of combining together and securing to the sides of navigable vessels and water-batteries, armour plates of iron or steel." *Letters Patent sealed.*
- BOURQUIN.
5th November 1861. 2781. JOHN PETER BOURQUIN, of Newman Street, Oxford Street, in the County of Middlesex, Manufacturer of Photographic Goods, for an invention for—"Improvements in ornamenting the covers of photographic albums, books, writing-cases and other like articles." *Provisional protection only.*
- GRIFFITHS.
5th November 1861. 2782. SAMUEL GRIFFITHS, Ironmaster and Manufacturer of Iron, of Wolverhampton, in the County of Stafford, for an invention for—"Certain improvements in the manufacture of iron." *Provisional protection not granted.*

ORTH. 5th November 1861.	2783. HENRY ORTH, of Wissembourg, in the Empire of France, Merchant, for an invention for—"An improved soap." <i>Letters Patent sealed.</i>
BOUSFIELD. 5th November 1861.	2784. GEORGE TOMLINSON BOUSFIELD, of Loughborough Park, Brixton, in the County of Surrey, for an invention for—"Improvements in electroplating or depositing metals."— <i>A communication to him from abroad by Jabez Ellis Walcott, of Boston, Massachusetts, in the United States of America.</i> <i>Letters Patent sealed.</i>
DAVIES. 6th November 1861.	2785. GEORGE DAVIES, of No. 1, Serle Street, Lincoln's Inn, in the County of Middlesex, and No. 28, St. Enoch Square, in the City of Glasgow, Civil Engineer and Patent Agent, for an invention for—"Improvements in fire-arms and ordnance."— <i>A communication to him from abroad by Benjamin Franklin Joslyn, of Stonington, Connecticut, in the United States of America.</i> <i>Provisional protection only.</i>
BRADT. 6th November 1861.	2786. HERMAN D. BRADT, of Boston, in the State of Massachusetts, of the United States of America, for an invention for—"Certain new and useful improvements in machinery for lasting and pegging shoes."— <i>A communication to him from John Taggart, a person resident at Roxbury, in the said State.</i> <i>Letters Patent sealed.</i>
PRINCE. 6th November 1861.	2787. ALEXANDER PRINCE, of the Office for Patents, 4, Trafalgar Square, Charing Cross, in the County of Middlesex, for an invention for—"Improvements in furnaces for reducing zinc-ores."— <i>A communication to him from abroad by Adolphe Charlier, Director General of the Mines and Foundries of Eschweiler, resident at Stolberg, near Aix-la-Chapelle, in the Kingdom of Prussia.</i> <i>Letters Patent sealed.</i>
RAMSELL. 6th November 1861.	2788. WILLIAM RAMSELL, of Deptford, in the County of Kent, Engineer, for an invention for—"Improvements in the construction of boats, barges, buoys and other like structures of metal, and in machinery employed therein." <i>Letters Patent sealed.</i>
SCHRÖDER. 6th November 1861.	2789. FREDERICK HILLS SCHRÖDER, of Hampstead, in the County of Middlesex, Gentleman, for an invention for—"Improvements in evaporating and in machinery employed therein." <i>Letters Patent sealed.</i>
STUBER. 6th November 1861.	2790. FREDERICK GEORGE STUBER, of No. 1, St. James's Road, Brixton, in the County of Surrey, for an invention for—"An improved hygrometer for measuring the humidity of the atmosphere, dampness of beds, garments, and for other similar purposes." <i>Provisional protection only.</i>
COCKETT. 7th November 1861.	2791. SIMON COCKETT, of Blackburn, in the County of Lancaster, Commission Agent, for an invention for—"Improvements in cop tubes." <i>Provisional protection only.</i>
WALMSLEY. 7th November 1861.	2792. JOHN WALMSLEY, of New Accrington, in the County of Lancaster, for an invention for—"Improvements in looms for weaving." <i>Letters Patent sealed.</i>
GEDGE. 7th November 1861.	2793. WILLIAM EDWARD GEDGE, of the firm of John Gedge and Son, of No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"Increasing the production of wool."— <i>A communication to him from abroad by Casimir Maistre, of Villeneuve (Hérault), France, Cloth Manufacturer.</i> <i>Provisional protection not granted.</i>
WILLIAMSON. 7th November 1861.	2794. ALEXANDER WILLIAM WILLIAMSON, of University College, Gower-street, in the County of Middlesex, for an invention for—"Improvements in the construction of steam-boilers." <i>Letters Patent sealed.</i>
WIGHAM. 7th November 1861.	2795. JOHN RICHARDSON WIGHAM, of Capel Street, in the City of Dublin, Ireland, for an invention for—"Improvements in apparatus for the manufacture of gas, parts of which are also applicable for cooking purposes." <i>Letters Patent sealed.</i>
LEPARD. 7th November 1861.	2796. SAMUEL LEPARD, of Cloak Lane, in the City of London, Gentleman, for an invention for—"Improvements in apparatus for heating and warming conservatories, greenhouses, ferneries, orchard houses, or other buildings and rooms." <i>Provisional protection only.</i>
SCHWARTZ. 7th November 1861.	2797. THEODORE SCHWARTZ, of the City and State of New York, United States of America, for an invention for—"Improvements in the construction of air engines or air motors." <i>Letters Patent sealed.</i>

GIBSON. 7th November 1861.	2798. HENRY GOULD GIBSON, of Mark Lane, in the City of London, Merchant, for an invention for—"Improvements in apparatuses for drying hops, malt, grain and other vegetable substances, part of which is applicable as a fan or blower."— <i>A communication to him from abroad by Joseph Perrigault, of Rennes, France.</i> <i>Letters Patent sealed.</i>
HANCOCK. 7th November 1861.	2799. JOHN HANCOCK, of the Town of Nottingham, Hosier, for an invention for—"Improvements in the manufacture of looped fabrics and in machinery to be employed therein." <i>Letters Patent sealed.</i>
SHEPARD. 7th November 1861.	2800. WILLIAM ALBERT SHEPARD, of Pall Mall, in the County of Middlesex, for an invention for—"Improvements in preparing and treating gutta-percha and india-rubber." <i>Letters Patent sealed.</i>
BARROW. 7th November 1861.	2801. JOHN BARROW, of the Dalton Chemical Works, West Corton, near Manchester, for an invention for—"Improvements in the manufacture of benzole, naphtha, naphthaline, aniline, and carbolic acid." <i>Letters Patent sealed.</i>
DARBY. 8th November 1861.	2802. THOMAS CHURCHMAN DARBY, Farmer, Little Waltham, in the County of Essex, for an invention for—"Improvements in the construction of horse hoes." <i>Letters Patent sealed.</i>
DOBSON. CLOUGH. 8th November 1861.	2803. BENJAMIN DOBSON, of Bolton-le-Moors, in the County of Lancaster, Machine Maker, and JAMES CLOUGH, of the same place, Foreman, for an invention for—"Certain improvements in machinery for combing, preparing and spinning cotton and other fibrous substances." <i>Letters Patent sealed.</i>
MONTUCCI. 8th November 1861.	2804. HENRY MONTUCCI, Ph. Dr., of 38, Rue du Sentier, Paris, in the Empire of France, for an invention for—"Improvements in apparatus for goffering or embossing stuffs in high relief." <i>Letters Patent sealed.</i>
SIEMENS. 8th November 1861.	2805. CHARLES WILLIAM SIEMENS, of 3, Great George Street, Westminster, in the County of Middlesex, for an invention for—"A vessel and gun or guns connected therewith for use in naval warfare." <i>Provisional protection only.</i>
TYLER. 8th November 1861.	2806. JOSEPH TYLER, of 62, Pratt Street, Camden Town, in the County of Middlesex, Professor of Music, for an invention for—"Improvements in the manufacture of clarionets." <i>Provisional protection only.</i>
CLARK. 8th November 1861.	2807. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in railway signal apparatus for the prevention of the collision of trains."— <i>A communication to him from abroad by Messrs Auguste Lucien Vérité, Clock Maker, and Julien Stéphane Bazin, Proprietor, of 29, Boulevard St. Martin, Paris.</i> <i>Provisional protection only.</i>
JOHNSON. 8th November 1861.	2808. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in the treatment of carpets."— <i>A communication to him from abroad by Jean Armand Edmond Polonceau, of Paris, in the Empire of France.</i> <i>Complete specification; Letters Patent sealed.</i>
BYRNE. 8th November 1861.	2809. JOHN BYRNE, of Whitehouse, in the County of Antrim, Flaxdresser, for an invention for—"Improvements in machinery or apparatus for scutching and refining flax, hemp, jute and other fibrous substances." <i>Letters Patent sealed.</i>
BÉRARD. 8th November 1861.	2810. ARISTIDE BALTHAZARD BÉRARD, Civil Engineer, Chr. de la Légion d'Honneur, of No. 51, Avenue Montaigne, Paris, for an invention for—"Improvements in apparatus for separating metals from their ores." <i>Letters Patent sealed.</i>
COWAN. 9th November 1861.	2811. DAVID COWAN, of Hungerford Street, Strand, in the County of Middlesex, Manufacturer, for an invention for—"Improvements in the construction of pneumatic subaqueous tubes for passenger or goods traffic, and in machinery for the manufacture thereof." <i>Letters Patent sealed.</i>
MORGAN. 9th November 1861.	2812. MARK MORGAN, of Wellington Street, Strand, in the County of Middlesex, Gentleman, for an invention for—"An improved gaiter or covering for the leg." <i>Provisional protection only.</i>
SIMPSON. 9th November 1861.	2813. GEORGE SIMPSON, of Glasgow, in the County of Lanark, North Britain, Mining Engineer, for an invention for—"Improvements in boring apparatus such as is used for mining purposes." <i>Letters Patent sealed.</i>

M'NAIR. 9th November 1861.	2814. ROBERT M'NAIR, of Glasgow, in the County of Lanark, North Britain, Machinist, for an invention for—"Improvements in casings for stitching-machines and in adapting the same for writing." <i>Letters Patent sealed.</i>
DE LACOMBE. 9th November 1861.	2815. FRANÇOIS HENRY MARIE CÔME DAMIENS CHEVALIER FINIS DE LACOMBE, of Paris, France, Gentleman, for an invention for—"Improvements in generating hydrogen gas for illuminating or other purposes, and in apparatus used therein." <i>Provisional protection only.</i>
HAGUE. 9th November 1861.	2816. SAM HAGUE, of Westwinsted, Litchfield County, in the State of Connecticut, America, but having a temporary residence in the Town and County of the Town of Nottingham, Cutler, for an invention for—"Improvements in the manufacture of hoes, adzes or other similar articles." <i>Letters Patent sealed.</i>
FISHER. 9th November 1861.	2817. JOHN FISHER, of Carrington, near Nottingham, Lace Manufacturer, for an invention for—"Improvements in apparatus for indicating or regulating the passing of railway trains." <i>Complete specification; Letters Patent sealed.</i>
CAMPAIN. 9th November 1861.	2818. SAMUEL WILLIAM CAMPAIN, of Deeping Saint Nicholas, in the County of Lincoln, Farmer, for an invention for—"Improvements in apparatus for stacking straw and other agricultural produce." <i>Provisional protection only.</i>
BROOMAN. 9th November 1861.	2819. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in obtaining alkaline phosphates."— <i>A communication to him from abroad by Edouard Aubertin, of Paris, France.</i> <i>Letters Patent sealed.</i>
BROOMAN. 9th November 1861.	2820. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improved spinning toy."— <i>A communication to him from abroad by Gustave Xavier Tautain, and Louis Alfred Coquet, both of Paris, France.</i> <i>Provisional protection only.</i>
LOYSEL. 9th November 1861.	2821. EDWARD LOYSEL, of Cannon Street, in the City of London, Civil Engineer, for an invention for—"Improvements in match boxes or cases."— <i>Letters Patent sealed.</i>
NEWTON. 9th November 1861.	2822. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improved apparatus for manufacturing and containing gaseous liquids."— <i>A communication to him from abroad by Pierre Prudence Henri Couillard, of N° 45, Rue St. Sébastien, Paris in the Empire of France.</i> <i>Letters Patent sealed.</i>
TURNER. 9th November 1861.	2823. ARCHIBALD TURNER, of Leicester, Elastic Web Manufacturer, for an invention for—"Improvements in knitting-machinery." <i>Letters Patent sealed.</i>
CLARK. 9th November 1861.	2824. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in portable and other filters."— <i>A communication to him from abroad by Jules Pacôme, Alfred Havard, & Jean Baptiste Bourgoise, of 29, Boulevard St. Martin, Paris, Mechanics.</i> <i>Letters Patent sealed.</i>
O'REILLY. 9th November 1861.	2825. FRANCIS O'REILLY, of Shaw Street, in the City of Dublin, Ireland, for an invention for—"A new or improved table or apparatus for tailors to work at without sitting." <i>Letters Patent sealed.</i>
TONGUE. 11th November 1861.	2826. WILLIAM TONGUE, of Chrysell Road, Brixton, in the County of Surrey, Engineer, for an invention for—"Improvements in processes for treating, preparing and combing certain fibrous materials, and in the machinery or apparatus employed for these purposes." <i>Letters Patent sealed.</i>
STEWART. 11th November 1861.	2827. DAVID YOOLOW STEWART, of Glasgow, in the County of Lanark, North Britain, Ironfounder, for an invention for—"Improvements in the manufacture of cast iron pipes and similar articles, and in apparatus to be used therein." <i>Letters Patent sealed.</i>
LESLIE. 11th November 1861.	2828. GEORGE LESLIE, of the Mall, Hammersmith, in the County of Middlesex, Esquire, for an invention for—"Improvements in pens and writing instruments." <i>Provisional protection only.</i>
CLARK. 11th November 1861.	2829. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in safety lamps."— <i>A communication to him from abroad by M. Pierre Derroncourt, Director of the Anzin Mines, Denain, Département of the Nord, and of 29, Boulevard St. Martin, Paris, both in the Empire of France.</i> <i>Provisional protection only.</i>

- SHEDLOCK.**
11th November 1861. 2830. JAMES JOHN SHEDLOCK, of Weirale Villas, Earl's Court, Kensington, in the County of Middlesex, for an invention for—"Improvements in gas meters."
Letters Patent sealed.
- WILSON.**
PAYNE.
11th November 1861. 2831. GEORGE FERGUSSON WILSON, and GEORGE PAYNE, both of Sherwood Works, Battersea, in the County of Surrey, for an invention for—"Improvements in treating fatty and oily matters."
Letters Patent sealed.
- SHANNON.**
11th November 1861. 2832. ALEXANDER SHANNON, of the City and State of New York, United States of America, for an invention for—"An improved construction of cartridge for accelerating the flight of projectiles."
Provisional protection only.
- CROSBY.**
11th November 1861. 2833. CHAUNCY ORRIN CROSBY, of New Haven, Connecticut, in the United States of America, but now residing at Bridge Street, Blackfriars, in the City of London, Gentleman, for an invention for—"Improvements in the manufacture of pointed trimming, and in the machinery for manufacturing pointed trimming."
Letters Patent sealed.
- HAY.**
12th November 1861. 2834. WILLIAM JOHN HAY, of Southsea, in the County of Hants, Experimental Chemist, for an invention for—"Improvements in protecting iron and wooden ships, caissons, dams and other wooden or iron structures from decay and from fouling by vegetable and animal matters, and in preparing the materials employed therein."
Letters Patent sealed.
- BELLIS.**
12th November 1861. 2835. ROBERT BELLIS, of the City of Chester, Builder, for an invention for—"An improved method of laying wood floors."
Letters Patent sealed.
- DAVIDSON.**
12th November 1861. 2836. JOHN DAVIDSON, of Leek, in the County of Stafford, Silk Manufacturer, for an invention for—"Improvements in apparatus for communicating between the passengers and the guard and engine driver of a railway train."—*Letters Patent sealed.*
- DAVIES.**
12th November 1861. 2837. GEORGE DAVIES, of No. 1, Serle Street, Lincoln's Inn, in the County of Middlesex, and No. 28, St. Enoch Square, in the City of Glasgow, Civil Engineer and Patent Agent, for an invention for—"Improvements in bleaching cotton and other textile fabrics or materials, and in the apparatus employed in such process."—*A communication to him from abroad by Edouard Turpault, of Paris, Bleacher.*
Letters Patent sealed.
- COOKE.**
12th November 1861. 2838. WILLIAM COOKE, of 26, Spring Gardens, Saint Martin's-in-the-Fields, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in the construction of carriages and vehicles, and in the means of ventilating the same, this part of the invention being applicable also to windows generally and other such openings."
Provisional protection only.
- NEWTON.**
12th November 1861. 2839. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improvements in the construction of dinner plates."—*A communication to him from abroad by Daniel Hartwell Shirley, of Boston, in the United States of America.*
Provisional protection only.
- NEWTON.**
12th November 1861. 2840. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in self-feeding inkstands."—*A communication to him from abroad by Charles Close, of New York, in the United States of America.*
Letters Patent sealed.
- NEWTON.**
12th November 1861. 2841. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in skates."—*A communication to him from abroad by Daniel Hartwell Shirley, of Boston, in the State of Massachusetts, United States of America.*
Letters Patent sealed.
- TONGUE.**
12th November 1861. 2842. WILLIAM TONGUE, of Chrissell Road, Brixton, in the County of Surry, Engineer, for an invention for—"Improvements in the manufacture of printed yarns, and in the application of certain fibrous materials to the manufacture of certain descriptions of yarns and threads."
Letters Patent sealed.
- JOHNSON.**
12th November 1861. 2843. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in the construction of steam or other vapour and water or other liquid tight joints."—*A communication to him from abroad by Joseph Harrison, of Philadelphia, in the United States of America, Engineer.*
Letters Patent sealed.

DUVAL. BEAUDET. 12th November 1861.	2844. LOUIS FRANCOIS DUVAL, and LOUIS ANDRÉ BEAUDET, at Paris, 33, B ²⁷³ St. Martin, Town in the French Empire, for an invention for—"A new process of tanning." <i>Letters Patent sealed.</i>
HENRY. 12th November 1861.	2845. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improvement in and composition for treating iron and steel and articles manufactured thereof."— <i>A communication to him from abroad by Alphonse Muller de la Mothe, of 33, Boulevard Saint Martin, Paris, France.</i> <i>Letters Patent sealed.</i>
HOLT. 13th November 1861.	2846. THOMAS LITTLETON HOLT, Newspaper Editor, of Brook House, Brentford, in the County of Middlesex, for an invention for—"A new method of making paper from the cochlearia armoracia or horse radish." <i>Provisional protection only.</i>
COLLINGWOOD. BUTTERWORTH. 13th November 1861.	2847. THOMAS BUTTERWORTH COLLINGWOOD, Manager, and ABRAHAM BUTTERWORTH, Overlooker, both of Rochdale, in the County of Lancaster, for an invention for—"Improvements in throstle and doubling frames for spinning and doubling fibrous materials." <i>Letters Patent sealed.</i>
HODGKINSON. GREENHALGH. 13th November 1861.	2848. JOHN HODGKINSON, of Bolton, in the County of Lancaster, Cotton Spinner, and DANIEL GREENHALGH, of the same place, Manager, for an invention for—"Improvements in machinery or apparatus for preparing cotton, cotton waste or other fibrous materials to be spun." <i>Letters Patent sealed.</i>
HAMMERSLEY. 13th November 1861.	2849. WILLIAM HENRY HAMMERSLEY, of Leek, in the County of Stafford, Silk Dyer, for an invention for—"Improvements in machinery or apparatus for stretching, glossing and finishing silk."— <i>A communication to him from abroad by James Leigh, of Brooklyn, America.</i> <i>Provisional protection only.</i>
CLARK. 13th November 1861.	2850. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"The application of electricity in refining cast iron for the purpose of converting it into wrought iron or steel with or without the addition of other agents."— <i>A communication to him from abroad by Francois Alphonse Adéodat Dufournel, of 29, Boulevard St. Martin, Paris, Iron Master.</i> <i>Letters Patent sealed.</i>
KEMP. 13th November 1861.	2851. EDWARD CURTIS KEMP, of Avon Place, Pershore Road, Birmingham, in the County of Warwick, Agent, for an invention for—"Improvements in gas lamps, glasses and other fittings." <i>Letters Patent sealed.</i>
ARMSTRONG. 13th November 1861.	2852. SIR WILLIAM GEORGE ARMSTRONG, of the Town and County of the Town of Newcastle-upon-Tyne, Knight, for an invention for—"Improvements in the means of firing or igniting explosive projectiles." <i>Provisional protection only.</i>
ROLLAND. 13th November 1861.	2853. LOUIS ROLLAND, of N ^o . 306, Quai Jemmapes, Paris, in the Empire of France, Merchant, for an invention for—"An improved spring door shutter with a moveable lever." <i>Provisional protection only.</i>
PROCTER. 13th November 1861.	2854. THOMAS PROCTER, of Boston, in the County of Lincoln, Millwright, for an invention for—"Improvements in carriers or stackers or apparatus for facilitating the stacking of straw, hay or agricultural produce." <i>Letters Patent sealed.</i>
BALMAIN. KEAN. 13th November 1861.	2855. WILLIAM HENRY BALMAIN, of St. Helen's, in the County of Lancaster, Manufacturing Chemist, and JOHN KEAN, of the same place, Manufacturing Chemist, for an invention for—"Improvements in the manufacture of flowers of sulphur and roll and other forms of sulphur." <i>Letters Patent sealed.</i>
VAUGHAN. 13th November 1861.	2856. JOSEPH VAUGHAN, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"An improvement or improvements in the manufacture of bayonets and in apparatus or machinery to be employed therein." <i>Provisional protection only.</i>
WILSON. 13th November 1861.	2857. CHARLES EDMUND WILSON, of Monkwell Street, in the City of London, Manufacturer, for an invention for—"A new article of female wearing-apparel to be worn on the leg." <i>Letters Patent sealed.</i>
TOWNSEND. 13th November 1861.	2858. ISAAC THOMAS TOWNSEND, of Attleborough, in the County of Warwick, for an invention for—"Improvements in harness to be used in the manufacture of all textile fabrics." <i>Provisional protection only.</i>
CONEY. 13th November 1861.	2859. FREDERICK CONEY, of Waterloo Road, in the County of Surrey, Brush Maker, for an invention for—"An improved stock for brooms." <i>Letters Patent sealed.</i>

- SHEDLOCK.
11th November 1861. 2830. JAMES JOHN SHEDLOCK, of Weirdale Villas, Earl's Court, Kensington, in the County of Middlesex, for an invention for—"Improvements in gas meters."
Letters Patent sealed.
- WILSON.
PAYNE.
11th November 1861. 2831. GEORGE FERGUSSON WILSON, and GEORGE PAYNE, both of Sherwood Works, Battersea, in the County of Surrey, for an invention for—"Improvements in treating fatty and oily matters."
Letters Patent sealed.
- SHANNON.
11th November 1861. 2832. ALEXANDER SHANNON, of the City and State of New York, United States of America, for an invention for—"An improved construction of cartridge for accelerating the flight of projectiles."
Provisional protection only.
- CROSBY.
11th November 1861. 2833. CHAUNCY ORRIN CROSBY, of New Haven, Connecticut, in the United States of America, but now residing at Bridge Street, Blackfriars, in the City of London, Gentleman, for an invention for—"Improvements in the manufacture of pointed trimming, and in the machinery for manufacturing pointed trimming."
Letters Patent sealed.
- HAY.
12th November 1861. 2834. WILLIAM JOHN HAY, of Southsea, in the County of Hants, Experimental Chemist, for an invention for—"Improvements in protecting iron and wooden ships, caissons, dams and other wooden or iron structures from decay and from fouling by vegetable and animal matters, and in preparing the materials employed therein."
Letters Patent sealed.
- BELLIS.
12th November 1861. 2835. ROBERT BELLIS, of the City of Chester, Builder, for an invention for—"An improved method of laying wood floors."
Letters Patent sealed.
- DAVIDSON.
12th November 1861. 2836. JOHN DAVIDSON, of Leek, in the County of Stafford, Silk Manufacturer, for an invention for—"Improvements in apparatus for communicating between the passengers and the guard and engine driver of a railway train."—*Letters Patent sealed.*
- DAVIES.
12th November 1861. 2837. GEORGE DAVIES, of No. 1, Serle Street, Lincoln's Inn, in the County of Middlesex, and No. 28, St. Enoch Square, in the City of Glasgow, Civil Engineer and Patent Agent, for an invention for—"Improvements in bleaching cotton and other textile fabrics or materials, and in the apparatus employed in such process."—*A communication to him from abroad by Edouard Turpault, of Paris, Bleacher.*
Letters Patent sealed.
- COOKE.
12th November 1861. 2838. WILLIAM COOKE, of 26, Spring Gardens, Saint Martin's-in-the-Fields, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in the construction of carriages and vehicles, and in the means of ventilating the same, this part of the invention being applicable also to windows generally and other such openings."
Provisional protection only.
- NEWTON.
12th November 1861. 2839. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improvements in the construction of dinner plates."—*A communication to him from abroad by Daniel Hartwell Shirley, of Boston, in the United States of America.*
Provisional protection only.
- NEWTON.
12th November 1861. 2840. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in self-feeding inkstands."—*A communication to him from abroad by Charles Close, of New York, in the United States of America.*
Letters Patent sealed.
- NEWTON.
12th November 1861. 2841. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in skates."—*A communication to him from abroad by Daniel Hartwell Shirley, of Boston, in the State of Massachusetts, United States of America.*
Letters Patent sealed.
- TONGUE.
12th November 1861. 2842. WILLIAM TONGUE, of Chryssell Road, Brixton, in the County of Surry, Engineer, for an invention for—"Improvements in the manufacture of printed yarns, and in the application of certain fibrous materials to the manufacture of certain descriptions of yarns and threads."
Letters Patent sealed.
- JOHNSON.
12th November 1861. 2843. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in the construction of steam or other vapour and water or other liquid tight joints."—*A communication to him from abroad by Joseph Harrison, of Philadelphia, in the United States of America, Engineer.*
Letters Patent sealed.

- BROOMAN.
13th November 1861. 2860. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in albums for containing photographic and other pictures."—*A communication to him from abroad by Auguste Marion, of Paris, France.* *Letters Patent sealed.*
- BIRD.
13th November 1861. 2861. HENRY BIRD, of Liverpool, in the County of Lancaster, Chemist and Druggist, for an invention for—"Improvements in the construction of bottles and other vessels and in stoppers for the same, to indicate that they contain poison." *Letters Patent sealed.*
- CARTER.
HACK.
13th November 1861. 2862. ALFRED EDWIN CARTER, of the West Middlesex Water Works, Kensington, and THOMAS HACK, of the West Middlesex Water Works, Hammersmith, both in the County of Middlesex, for an invention for—"Improvements in screw cocks." *Letters Patent sealed.*
- BOUSFIELD.
13th November 1861. 2863. GEORGE TOMLINSON BOUSFIELD, of Loughborough Park, Brixton, in the County of Surrey, for an invention for—"Improvements in the manufacture of soap."—*A communication to him from abroad by the Inventor, Campbell Morfit, of New York, United States of America, Chemist.* *Letters Patent sealed.*
- LESLIE.
13th November 1861. 2864. JOHN LESLIE, Esquire, of No. 60, Conduit Street, Hanover Square, in the County of Middlesex, for an invention for—"Improvements in the manufacture of gas." *Provisional protection only.*
- FRICKER.
MANLEY.
13th November 1861. 2865. HENRY ROBINSON FRICKER, of No. 106, Leman Street, Whitechapel, Architect and Surveyor, and JOHN MANLEY, of Fairmantle Street, Truro, in the County of Cornwall, Civil Engineer and Mining Agent, for an invention for—"Improvements in apparatus for facilitating the cleansing of sewers and other water courses or ways." *Letters Patent sealed.*
- LIPSETT.
14th November 1861. 2866. ALFRED ORMEROD LIPSETT, of the City of Manchester, in the County of Lancaster, for an invention for—"Improvements in apparatus for heating or boiling fluids for domestic or other purposes." *Provisional protection only.*
- BRIDGE.
14th November 1861. 2867. GEORGE BRIDGE, of Bollington, near Macclesfield, in the County of Chester, Cotton Spinner, for an invention for—"Improvements in machinery or apparatus for preparing cotton and other fibrous materials to be spun." *Provisional protection only.*
- HEAP.
14th November 1861. 2868. WILLIAM HEAP, of Ashton-under-Lyne, in the County of Lancaster, Tool Maker, for an invention for—"An improved instrument for cutting pipes and bars of metal." *Provisional protection only.*
- WIGZELL.
14th November 1861. 2869. MONTAGUE WIGZELL, of the Strand, Topsham, in the County of Devon, for an invention for—"Improvements in machinery or apparatus to be used in moulding and casting twisted nails, spiral fluted nails, bolts and screws for sheathing vessels, ship-building, building and other purposes." *Letters Patent sealed.*
- HEATH.
14th November 1861. 2870. ROBERT HEATH, of 25, St. George's-place, Hyde Park Corner, in the County of Middlesex, for an invention for—"An improvement in umbrellas and parasols." *Letters Patent sealed.*
- HUGHES.
RICHARDSON.
14th November 1861. 2871. FREDERICK ROBERT HUGHES, of Borrowstounness, and THOMAS RICHARDSON, of Newcastle-on-Tyne, for an invention for—"Improvements in treating certain natural saline compounds to fit them for agricultural use and in order to obtain potash and other salts." *Provisional protection only.*
- HAWKSLEY.
14th November 1861. 2872. GEORGE HAWKSLEY, of Three Mill Lane, Bromley-by-Bow, in the County of Middlesex, for an invention for—"Improvements in apparatus for sounding alarms and actuating ventilators." *Provisional protection only.*
- LEOPARD.
14th November 1861. 2873. WILLIAM LEOPARD, of Hurstpierpoint, in the County of Sussex, Corn Merchant, for an invention for—"Improvements in railway brake apparatus." *Provisional protection only.*
- MINCHIN.
15th November 1861. 2874. CHARLES HENRY MINCHIN, of the City of Manchester, in the County of Lancaster, for an invention for—"Improvements in ventilators for railway and other carriages and for other similar purposes." *Provisional protection only.*
- NIXON.
15th November 1861. 2875. JOHN NIXON, of Cardiff, County of Glamorganshire, for an invention for—"Improvements in apparatus for ventilating coal or other mines or other underground excavation." *Letters Patent sealed.*

SPRATT. 15th November 1861.	2876. JAMES SPRATT, of Camden Road Villas, Camden Town, in the County of Middlesex, Gentleman, for an invention for—"Improvements in the preparation of food for hogs, dogs, cats and poultry, and in apparatus for the same." <i>Letters Patent sealed.</i>
LOOMES. 15th November 1861.	2877. EDWARD LOOMES, of Whittlesey, in the Isle of Ely, and County of Cambridge, Brick and Tile Manufacturer, for an invention for—"Improved machinery for moulding bricks, tiles and other like articles." <i>Letters Patent sealed.</i>
NEWTON. 15th November 1861.	2878. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in steam-engine governors."— <i>A communication to him from abroad by Wellington Lee, of East Nineteenth Street, New York, in the United States of America.</i> <i>Letters Patent sealed.</i>
SOUPART. 15th November 1861.	2879. LOUIS ANTHONY SOUPART, of Brussels, in the Kingdom of Belgium, Gentleman, for an invention for—"Improvements in the mode of preparing and subsequently tanning hides or skins." <i>Provisional protection only.</i>
STAUFEN. 15th November 1861.	2880. WERNER STAUFEN, of 84, London Road, Southwark, in the County of Surrey, for an invention for—"Improvements in the manufacture of brushes and in preparing certain vegetable fibres for such and other uses."— <i>Provisional protection only.</i>
GRINT. 16th November 1861.	2881. JAMES GRINT, of 45, Harrison Street, Gray's Inn Road, in the County of Middlesex, Engineer and Draughtsman, for an invention for—"Improvements in pegs, nails or like fastenings for uniting the soles of boots and shoes and other substances." <i>Provisional protection only.</i>
BOOTH. CHAMBERS. CHAMBERS. 16th November 1861.	2882. JOSEPH BOOTH, THOMAS WILLIAM CHAMBERS, and JAMES CHAMBERS, all of Bury, in the County of Lancaster, for an invention for—"Improvements in looms for weaving." <i>Letters Patent sealed.</i>
GOODALL. BEALE. 16th November 1861.	2883. JONATHAN CHARLES GOODALL, of 12, Great College Street, Camden Town, and JOHN BEALE, of East Greenwich, for an invention for—"Improvements in machinery for folding envelopes." <i>Letters Patent sealed.</i>
GIBSON. 16th November 1861.	2884. MATTHEW GIBSON, of St. Andrew's Works, Gallowgate, Newcastle-on-Tyne, for an invention for—"Improvements in reaping and mowing machines." <i>Letters Patent sealed.</i>
D'ESTANQUE. 16th November 1861.	2885. EUGÈNE D'ESTANQUE, of the City of Mont-de-Marsan, Department of the Landes, in the Empire of France, Surgeon Dentist, for an invention for—"An improved instrument for drawing teeth." <i>Letters Patent sealed.</i>
STEWART. 16th November 1861.	2886. DAVID STEWART, of Newcastle-on-Tyne, in the County of Northumberland, Engineer, for an invention for—"Improvements in hydraulic cotton presses worked by steam." <i>Letters Patent sealed.</i>
WORTON. 16th November 1861.	2887. ROBERT THOMAS WORTON, of Newberry Place, Kentish Town, in the County of Middlesex, for an invention for—"Improvements in piano-fortes." <i>Letters Patent sealed.</i>
ELSE. GODFREY. 16th November 1861.	2888. JOSEPH ELSE, of Mansfield, in the County of Nottingham, Roller Coverer, and THOMAS GODFREY, of the same place, Gentleman, for an invention for—"An improved washing-apparatus." <i>Letters Patent sealed.</i>
NAISH. 16th November 1861.	2889. WILLIAM NAISH, of Wilton, in the County of Wilts, for an invention for—"Improvements in the manufacture of saddle cloths known as numnahs." <i>Provisional protection only.</i>
CLEMENTS. 18th November 1861.	2890. JAMES MOORE CLEMENTS, of Birmingham, in the County of Warwick, Tailor and Draper, for an invention for—"Improvements in the making or manufacturing of certain parts of garments for either sex, likewise in the manner of preparing the same for sale, as also an improved button to be attached to garments without sewing." <i>Provisional protection only.</i>
HAWKINS. 18th November 1861.	2891. JOHN HAWKINS, of Lisle Street, London, in the County of Middlesex, and of Walsall, in the County of Stafford, Bit, Spur and Stirrup Manufacturer, for an invention for—"Certain improvements in bits for riding and driving." <i>Letters Patent sealed.</i>
CLIFF. CLIFF. 18th November 1861.	2892. WILLIAM CLIFF, and EDWIN CLIFF, Manufacturers, at St. Quentin, Departement de l'Aisne, Empire de France, for an invention for—"Improvements in the manufacture of lace." <i>Provisional protection only.</i>

- ANDRÉ.
PLINE-FAURIE.
RICHARD.
18th November 1861. 2893. PIERRE ANDRÉ, JEAN FRANÇOIS PLINE-FAURIE, and JOSEPH PIERRE RICHARD, all of Bordeaux, in the Empire of France, for an invention for—"Improvements in machinery or apparatus for preparing or manufacturing fuel."
Letters Patent sealed.
- PAETOW.
18th November 1861. 2894. FREDERICK CAESAR PAETOW, of the City of Manchester, in the County of Lancaster, Commission Merchant, for an invention for—"Improvements in machinery or apparatus for raising and finishing fabrics."—*A communication from abroad by Mr. Tillman Esser, of Burtscheid, in the Kingdom of Prussia.*
Letters Patent sealed.
- ROGERS.
18th November 1861. 2895. MARTIN DADD ROGERS, of 2, Bow Lane Cottages, Saint Leonard's Road, Bromley, in the County of Middlesex, for an invention for—"An improved chain cable stopper or controller."
Letters Patent sealed.
- BROOMAN.
18th November 1861. 2896. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in reaping-machines."—*A communication to him from abroad by Cyrus Hall McCormick, of Chicago, in the United States of America.*
Letters Patent sealed.
- POUILLET.
18th November 1861. 2897. CHARLES MARIE POUILLET, of Paris, in the French Empire, Civil Engineer, for an invention for—"An improved mode of constructing and fixing the rails of railways."
Provisional protection only.
- PRODON-BONNETON
PRODON.
18th November 1861. 2898. GUILLAUME PRODON-BONNETON, and MARTHE GUILLAUME PRODON, both of Thiers, in the Department of Puy-de-Dome, in the Empire of France, Engineers, for an invention for—"Improvements in means or apparatus for rolling metals."
Letters Patent sealed.
- MUNDELLA.
ONION.
18th November 1861. 2899. ANTHONY JOHN MUNDELLA, of the Town and County of the Town of Nottingham, Manufacturer, and WILLIAM ONION, of the same place, Mechanic, for an invention for—"Improvements in machinery or apparatus for the manufacture of looped fabrics."
Letters Patent sealed.
- PARRY.
18th November 1861. 2900. GEORGE PARRY, of Ebbw Vale Iron Works, in the County of Monmouth, Furnace Manager, for an invention for—"Improvements in the manufacture of iron and steel."
Letters Patent sealed.
- SMITH.
SMITH.
19th November 1861. 2901. LUKE SMITH, and MATTHEW SMITH, both of Heywood, in the County of Lancaster, Mechanics, for an invention for—"Improvements in raising liquids and in apparatus connected therewith, parts of which are applicable to improving the quality of fermented liquors."
Letters Patent sealed.
- HEMINGWAY.
19th November 1861. 2902. JAMES HEMINGWAY, of Robert Town, in the County of York, Artist, for an invention for—"Improvements in machinery or apparatus to be used in the working, 'winning' or mining of coal, clay, shale and other minerals or earthy matters."
Letters Patent sealed.
- REDWOOD.
19th November 1861. 2903. THEOPHILUS REDWOOD, of 19, Montague Street, Russell Square, in the County of Middlesex, for an invention for—"Improvements in the manufacture of starch and of a vegetable sizing powder."
Letters Patent sealed.
- LEE.
19th November 1861. 2904. JESSE LEE, of Church Gate, in the Borough of Leicester, Engineer, for an invention for—"Improvements in the construction of the wheels of traction engines and in the mode of adaptation to such engines."
Provisional protection only.
- TAYLOR.
HEPWORTH.
19th November 1861. 2905. JOHN TAYLOR, and THOMAS HOWARD HEPWORTH, of Hyde, in the County of Chester, Engineers and Millwrights, for an invention for—"Improvements in equilibrium lubricators for steam cylinders, valve boxes and other similar purposes."
Provisional protection only.
- DÉDÉ.
19th November 1861. 2906. SIMON DÉDÉ, of N^o. 13, Rue Duvivier, in the City of Paris, in the Empire of France, Chemist, for an invention for—"A new process of discoloring, purifying and improving varnish, oil, resin, gum, ether, wines, spirits and other matters, through the application of compressed air."
Provisional protection only.
- GODFREY.
19th November 1861. 2907. BENJAMIN DAVENPORT GODFREY, of Milford, in the County of Worcester, State of Massachusetts, U.S.A., for an invention for—"An improved boot or shoe with a wooden shank part and a flexible fore part to the sole."
Letters Patent sealed.

BROOMAN. 19th November 1861.	2908. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in breech loading fire-arms."— <i>A communication to him from abroad by George White, of New York, United States of America.</i> <i>Letters Patent sealed.</i>
SCHLOSS. 19th November 1861.	2909. JOSEPH SCHLOSS, of Cannon Street West, in the City of London, Manufacturer, for an invention for—"Improvements in pouches." <i>Letters Patent sealed.</i>
STOTT. TOMLINSON. 19th November 1861.	2910. FREDERICK LUKE STOTT, Machine Maker, and MARK TOMLINSON, Glass Dealer, both of Rochdale, in the County of Lancaster, for an invention for—"Improvements in the construction of vessels or apparatus for supplying lubricating matter to mechanism." <i>Provisional protection only.</i>
GWILLIAM. 20th November 1861.	2911. GEORGE GWILLIAM, of the Savoy, Strand, in the County of Middlesex, Secretary to the Thames Plate Glass Company, for an invention for—"Improvements in the manufacture or production of plate glass." <i>Provisional protection only.</i>
JOHNSON. 20th November 1861.	2912. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in machinery or apparatus for cutting irregular and curvilinear forms in wood or other similar substances."— <i>A communication to him from abroad by Robert Marcher, of New York, in the United States of America, Manufacturer, of prepared mouldings, and oval frames.</i> <i>Letters Patent sealed.</i>
SMITH. SWINNERTON. 20th November 1861.	2913. EDWARD FISHER SMITH, of Dudley, in the County of Worcester, Agent, and THOMAS SWINNERTON, of Dudley, aforesaid, Blast Furnace Manager, for an invention for—"Improvements in the manufacture of coke and in apparatus connected therewith." <i>Provisional protection only.</i>
JOHNSON. 20th November 1861.	2914. FREDERICK JOHNSON, of 12, North Street, in the City of Westminster, Civil Engineer, for an invention for—"Improvements in ground or earth screws." <i>Letters Patent sealed.</i>
CROXFORD. 20th November 1861.	2915. JOSEPH COOPER CROXFORD, of 3, Chapel Row, Exmouth Street, Clerkenwell, in the County of Middlesex, for an invention for—"An improved mode of fastening doors and for other similar purposes." <i>Letters Patent sealed.</i>
BAYLISS. 20th November 1861.	2916. WILLIAM PODMORE BAYLISS, of The Lloyd's, in the Parish of Madeley, in the County of Salop, Civil and Mining Engineer, for an invention for—"Improvements applicable to buildings in order to facilitate the extinguishing of any conflagration which may happen therein." <i>Letters Patent sealed.</i>
PULS. 20th November 1861.	2917. FRANCIS PULS, of No. 25, Francis Terrace, Hackney Wick, in the County of Middlesex, Chemist, for an invention for—"Improvements in treating fatty and oily matters." <i>Letters Patent sealed; no specification filed.</i>
THOMAS. 20th November 1861.	2918. LYNALL THOMAS, of No. 9, Union Street, Berkeley Square, in the County of Middlesex, Gentleman, for an invention for—"Improvements in the mode of manufacturing and constructing wrought iron ordnance." <i>Letters Patent sealed.</i>
PEYTON. BATHO. 20th November 1861.	2919. EDWARD PEYTON, of Birmingham, in the County of Warwick, Manufacturer, and WILLIAM FOTHERGILL BATHO, of the same place, Manager, for an invention for—"Improvements in the moulds or chills employed in casting corner blocks, dovetail grooves and other parts of metal bedsteads and other like articles, in frames for carrying such moulds, and in tubes for the pillars of bedsteads and other like articles." <i>Letters Patent sealed.</i>
JOHNSON. 20th November 1861.	2920. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in the treatment of zinc ores and in the apparatus employed therein, which improvements are also applicable to the manufacture of phosphorus."— <i>A communication to him from abroad by Adrien Muller, of Paris, in the Empire of France, Engineer.</i> <i>Letters Patent sealed.</i>
COWBURN. 21st November 1861.	2921. THOMAS COWBURN, of the Safety Valve Works, Little Peter Street, in the City of Manchester, Engineer, for an invention for—"Improvements in apparatus for elevating boiling soap and for dividing the same into bars when congealed." <i>Provisional protection only.</i>

PARKINSON. MINCHIN. 21st November 1861.	2922. JAMES PARKINSON, of the City of Manchester, in the County of Lancaster, and CHARLES HENRY MINCHIN, of the same place, for an invention for—"Improvements in the 'Davy' or other safety lamps for miners." <i>Provisional protection only.</i>
JEFFS. 21st November 1861.	2923. JAMES HARROW JEFFS, of Tottenham Court Road, in the County of Middlesex, for an invention for—"Improvements in the manufacture of collars, shirt fronts, cuffs, hats, bonnets, vests and other articles of wearing apparel." <i>Letters Patent sealed.</i>
POLYBLANK. 21st November 1861.	2924. GEORGE HENRY POLYBLANK, of N ^o . 55, Gracechurch Street, in the City of London, and N ^o . 187A, Piccadilly, in the County of Middlesex, Photographic Artist, for an invention for—"A new or improved method of protecting and preserving photographic and other prints, water color drawings and other works of art, from injury and decay." <i>Letters Patent sealed; no specification filed.</i>
GITTOES. HINTON. 21st November 1861.	2925. JOHN GITTOES, jun ^r , of Westbromwich, in the County of Stafford, General Mineral Merchant, and GEORGE HINTON, of Oldbury, in the County of Worcester, Furnace Manager, for an invention for—"Certain improvements in cupolas and furnaces for smelting or reducing ores and for the re-melting of pig-iron." <i>Provisional protection only.</i>
STUBBS. 21st November 1861.	2926. JOHN STUBBS, of Winsford, in the County of Chester, Engine Driver, for an invention for—"Improvements in apparatus for heating and evaporating brine in the manufacture of salt." <i>Provisional protection only.</i>
BROOKS. 21st November 1861.	2927. EDWARD BROOKS, of Bradford, in the County of York, Wool Top Maker, for an invention for—"Improvements in machinery for combing wool and other fibrous substances." <i>Provisional protection only.</i>
NEWTON. 21st November 1861.	2928. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in rotary engines."— <i>A communication to him from abroad by John Benjamin Root, of New York, City in the United States of America.</i> <i>Letters Patent sealed.</i>
MEYER. 22nd November 1861.	2929. HERMANN CHRISTIAN MEYER, of Ashford Street, Hoxton, in the County of Middlesex, Engineer, for an invention for—"Improvements in the means of stopping or retarding railway and other carriages." <i>Provisional protection only.</i>
HIRST. 22nd November 1861.	2930. WILLIAM HIRST, of Halifax, in the County of York, Bookkeeper, for an invention for—"Improvements in the manufacture of paste which is also applicable for sizing purposes." <i>Provisional protection only.</i>
YARROW. HILDITCH. 22nd November 1861.	2931. ALFRED FERNANDEZ YARROW, Engineer, of Arundel Square, Barnsbury, and JAMES BRACEBRIDGE HILDITCH, Gentleman, of Barnsbury Villas, both in the County of Middlesex, for an invention for—"Improvements in locomotive steam carriages for common roads." <i>Letters Patent sealed.</i>
AMBLER. 22nd November 1861.	2932. WILLIAM AMBLER, of Keighley, in the County of York, Paper Merchant, for an invention for—"Improvements in the manufacture of loom pickers." <i>Provisional protection only.</i>
DE CLERCQ. CHAZELLES. 22nd November 1861.	2933. RENIL DE CLERCQ, and EMILE CHAZELLES, of Brussels, in the Kingdom of Belgium, Mechanical Engineers, for an invention for—"Improvements in apparatus for raising and supplying water to boilers and for other purposes." <i>Letters Patent sealed.</i>
FARMER. 22nd November 1861.	2934. GEORGE JAMES FARMER, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"Improvements in machinery or apparatus for polishing shoe heels, toe plates and other articles." <i>Provisional protection only.</i>
DAVENPORT. COLE. 22nd November 1861.	2935. THOMAS WILLIAM DAVENPORT, and SAMUEL COLE, of Balsall Heath, in the County of Worcester, Manufacturers, for an invention for—"Improved compositions to be used in making buttons, beads, miniature and picture frames, and other articles susceptible of being moulded in a plastic material." <i>Letters Patent sealed.</i>
DAVENPORT. COLE. 22nd November 1861.	2936. THOMAS WILLIAM DAVENPORT, and SAMUEL COLE, of Balsall Heath, in the County of Worcester, Manufacturers, for an invention for—"Improvements in apparatus or machinery to be employed in the manufacture of ornamental and useful articles in papier maché." <i>Provisional protection only.</i>

BARTHOLOMEW. HEPTINSTALL. 22nd November 1861.	2937. CHARLES BARTHOLOMEW, of Broxholme Wheatley, near Doncaster, Civil Engineer, and JOHN HEPTINSTALL, of Masbrough, Rotherham, for an invention for—"Improvements in making circular-blooms such as are used in the manufacture of tyres and for other purposes." <i>Provisional protection only.</i>
PEYTON. BATHO. 22nd November 1861.	2938. EDWARD PEYTON, of Birmingham, in the County of Warwick, Manufacturer, and WILLIAM FOTHERGILL BATHO, of the same place, Manager, for an invention for—"Improvements in laths for supporting bedding and cushions in bedsteads, couches, sofas and seats." <i>Letters Patent sealed.</i>
EVANS. 22nd November 1861.	2939. WILLIAM EVANS, of Commercial Road East, in the County of Middlesex, Master Mariner, for an invention for—"Improvements in obtaining motive-power by machinery." <i>Provisional protection only.</i>
HENRY. 22nd November 1861.	2940. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improved means of rendering steam tight the opening for the passage of the piston rod through the cylinder cover in steam-engines, which means are applicable also to other parts of steam-engines and parts of other engines, machines and apparatus, for the rendering thereof steam tight and fluid tight."— <i>A communication to him from abroad by Francisque Million, of 33, Boulevard Saint Martin, Paris, France.</i> <i>Complete specification; Letters Patent sealed.</i>
SANSUM. 23rd November 1861.	2941. STEPHEN SANSUM, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"An improvement or improvements in penholders." <i>Letters Patent sealed; no specification filed.</i>
MENNONS. 23rd November 1861.	2942. MARC ANTOINE FRANÇOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"An improved apparatus for the multiplication of motive-power."— <i>A communication from Eugène Constant Marie Bonnier, a person resident at Ile Bourbon (Indian Sea).</i> <i>Provisional protection only.</i>
LIEBMANN. 23rd November 1861.	2943. CHARLES HENRY JULIUS WILLIAM MAXIMILIAN LIEBMANN, of Huddersfield, in the County of York, Merchant, for an invention for—"Improvements in textile and felted fabrics." <i>Provisional protection only.</i>
WEEMS. 23rd November 1861.	2944. JOHN WEEMS, of Johnstone, in the County of Renfrew, North Britain, Tinsmith, for an invention for—"Improvements in the manufacture of metallic tubes and in coating or plating metals." <i>Letters Patent sealed.</i>
JOHNSON. 23rd November 1861.	2945. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in toothed wheels and in the apparatus used in their manufacture."— <i>A communication to him from abroad by Jean Baptiste Buissart, and Therese Leome Levesque, both of Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
BROOMAN. 23rd November 1861.	2946. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improved cup or vessel for administering liquids."— <i>A communication to him from abroad by Charles Halphen, of Paris, France.</i> <i>Provisional protection only.</i>
PITKIN. 23rd November 1861.	2947. JAMES PITKIN, of Clerkenwell, in the County of Middlesex, Philosophical Instrument Maker, for an invention for—"Improvements in aneroid barometers." <i>Provisional protection only.</i>
BRAY. 23rd November 1861.	2948. WILLIAM BRAY, of Abinger Road, Lower Road, Deptford, in the County of Kent, Engineer, for an invention for—"An improved locomotive apparatus particularly adapted to agricultural purposes." <i>Letters Patent sealed.</i>
ROUVIÈRE. 23rd November 1861.	2949. EUGÈNE ALEXANDRE ROUVIÈRE, aîné, of 51, Rue de Malte, Paris, in the Empire of France, for an invention for—"An improved pump." <i>Letters Patent sealed.</i>
DE WYLDÉ. 23rd November 1861.	2950. FÉDOR DE WYLDÉ, 10, Great College Street, Camden Town, London, for an invention for—"Improvements in paper making machinery."— <i>A communication to him from abroad by Louis Dupont, Nancy, in the Empire of France.</i> <i>Letters Patent sealed.</i>
PENDRED. 25th November 1861.	2951. VAUGHAN PENDRED, jun', of Bully Curron, Kilkenny, Ireland, Engineer, for an invention for—"Improvements in the construction and materials of surface condensers." <i>Provisional protection only.</i>

- HULARD.**
POUPEL.
25th November 1861. 2952. JEAN BAPTISTE HULARD, and LOUIS GUILLAUME POUPEL, of Paris, France, Gentlemen, for an invention for—"An improved process for hardening stones and plaster of paris and making them impervious to water." *Letters Patent sealed.*
- MACINTOSH.**
25th November 1861. 2953. JOHN MACINTOSH, of North Bank, Regent's Park, in the County of Middlesex, for an invention for—"Improvements in obtaining and applying motive steam and liquid power and in apparatus connected therewith." *Letters Patent sealed.*
- LOWRY.**
25th November 1861. 2954. GEORGE LOWRY, of Salford, in the County of Lancaster, Machinist, for an invention for—"Certain improvements in machinery for carding and hackling flax, tow and other fibrous substances." *Letters Patent sealed.*
- RONALD.**
25th November 1861. 2955. JAMES RONALD, of Liverpool, in the County of Lancaster, Merchant, for an invention for—"Improvements in machinery used for spinning hemp, flax, manilla, wool and like fibrous material, and for the manufacture of 'topped up,' 'formed' or 'laid' thread, twine, cord, line, cable and other cordage." *Letters Patent sealed.*
- GOUDIE.**
25th November 1861. 2956. JOHN GOUDIE, of Everard Street, Hartlepool, in the County of Durham, Master Mariner, for an invention for—"Improvements in reefing and stowing the sails of vessels." *Provisional protection only.*
- BURGESS.**
25th November 1861. 2957. WILLIAM BURGESS, of Newgate Street, in the City of London, Manufacturer, for an invention for—"Improvements in reaping and mowing machines." *Letters Patent sealed.*
- WILLCOX.**
25th November 1861. 2958. JAMES WILLCOX, of Ludgate Hill, in the City of London, Sewing Machine Manufacturer, for an invention for—"Improvements in sewing-machines and in apparatus connected therewith."—*A communication to him from abroad by Charles Henry Willcox, of New York, in the United States of America.* *Letters Patent sealed.*
- JOHNSON.**
25th November 1861. 2959. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in machinery or apparatus for preparing oval picture frames."—*A communication to him from abroad by Robert Marcher, of New York, in the United States of America, Manufacturer of prepared Mouldings and Oval Frames.* *Letters Patent sealed.*
- JOHNSON.**
25th November 1861. 2960. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in machinery or apparatus for shelling and cleaning rice and other grain."—*A communication to him from abroad by Wellington Lee, of New York, in the United States of America.* *Letters Patent sealed.*
- NEWTON.**
25th November 1861. 2961. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"An improved method of removing and preventing the formation of calcareous and saline deposits in steam-boilers."—*A communication to him from abroad by Lewis Baird, of Cambridge, Massachusetts, in the United States of America.* *Letters Patent sealed.*
- HALFORD.**
25th November 1861. 2962. JOHN HALFORD, of Beacon Cottage, Great Barr, near Birmingham, in the County of Stafford, for an invention for—"Improvements in collecting and utilizing smoke, gases and such like products of combustion, rendering the same available for heating steam-boilers and other purposes where heat is required, which improvements are also applicable to the desulphurization of coal in making coke." *Provisional protection only.*
- CLARKE.**
25th November 1861. 2963. GEORGE CLARKE, of 16, Gresham Place, Camberwell Lane, in the County of Surrey, Clerk of Works, for an invention for—"An improved fire-escape." *Letters Patent sealed; no specification filed.*
- COWAN.**
25th November 1861. 2964. PHINEAS COWAN, of the firm of L. Cowan and Sons, of Barnes, in the County of Surrey, Animal Charcoal Manufacturers, for an invention for—"A mode of utilizing the waste heat of furnaces used in reburning animal charcoal." *Letters Patent sealed.*
- WILLIS.**
26th November 1861. 2965. AUGUSTUS WILLIAM WILLIS, of 28, Great Russell Street, Bloomsbury, in the County of Middlesex, Pencil Manufacturer, for an invention for—"Improvements in the construction of pencil cases or holders." *Letters Patent sealed.*
- BRAXTON.**
26th November 1861. 2966. CHARLES GEORGE BRAXTON, of Portsea, in the County of Hants, Builder, for an invention for—"Improvements in apparatus for propelling and steering vessels." *Provisional protection only.*

BROWN. 3th November 1861.	2967. JAMES BROWN, of No. 2, Ribchester Terrace, Bridge Road, Stratford, in the County of Essex, Machinist, for an invention for—"Improvements in fire bars and furnaces." <i>Provisional protection only.</i>
DAVIES. 26th November 1861.	2968. ISAAC DAVIES, of Larkfield Nursery, Wavertree, near Liverpool, Seedsman, for an invention for—"Improvements in the construction of roofs for dwelling houses, horticultural erections and other buildings." <i>Provisional protection only.</i>
HARCOURT. 26th November 1861.	2969. ROBERT HARCOURT, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"An improvement or improvements in fastening knobs to doors, drawers and other articles, and in connecting knobs to spindles." <i>Letters Patent sealed.</i>
SELLERS. 26th November 1861.	2970. WILLIAM SELLERS, of Keighley, in the County of York, Machine Maker, for an invention for—"Improvements in means or apparatus for sewing." <i>Letters Patent sealed; no specification filed.</i>
STEVENS. 26th November 1861.	2971. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in penholders."— <i>A communication to him from abroad by Jean Baptiste Auguste Brasseur, of Paris, in the Empire of France.</i> <i>Provisional protection only.</i>
STEVENS. 26th November 1861.	2972. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"An improved indelible anti-corrosive ink."— <i>A communication to him from abroad by Louis Croc, of Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
BOTTOMLEY. 26th November 1861.	2973. GEORGE BOTTOMLEY, of St George's Place, Leeds, in the County of York, Gentleman, for an invention for—"Improved machinery for cutting up linen, cotton, woollen and other rags, fibrous waste or vegetable substances, for various purposes in the industrial arts." <i>Letters Patent sealed.</i>
KER. 26th November 1861.	2974. DAVID KER, of the West of England Soap Works, Plymouth, in the County of Devon, for an invention for—"An improvement in the manufacture of soap." <i>Letters Patent sealed.</i>
FIRTH. RIDLEY. 26th November 1861.	2975. WILLIAM FIRTH, of Leeds, in the County of York, Merchant, and ROBERT RIDLEY, of Leeds, aforesaid, Engineer, for an invention for—"Improvements in apparatus and machinery for working coal and other mines."— <i>Letters Patent sealed.</i>
JOHNSON. 26th November 1861.	2976. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"A new or improved apparatus for supporting the womb in cases of prolapsus uteri."— <i>A communication to him from abroad by Doctor Otto Langgaard, of Berlin, in the Kingdom of Prussia.</i> <i>Letters Patent sealed.</i>
DONISTHORPE. FIRTH. RIDLEY. 26th November 1861.	2977. GEORGE EDMUND DONISTHORPE, and WILLIAM FIRTH, of Leeds, in the County of York, Merchants, and ROBERT RIDLEY, of Leeds, aforesaid, Engineer, for an invention for—"Improvements in machinery and apparatus for working coal and other mines." <i>Letters Patent sealed.</i>
PURCHASE. 26th November 1861.	2978. GEORGE LAMBTON PURCHASE, of 23, Bedford Row, in the Parish of St. Andrew Holborn, in the County of Middlesex, Architect & Surveyor, for an invention for—"Improved sight apparatus and sight for fire-arms and ordnance." <i>Provisional protection only.</i>
STANDFIELD. 27th November 1861.	2979. JOHN STANDFIELD, of Stratford, in the County of Essex, Engineer, for an invention for—"Improvements in apparatus for regulating and indicating the speed of steam-engines and other machinery." <i>Letters Patent sealed.</i>
CALVERT. 27th November 1861.	2980. FRANCIS ALTON CALVERT, of the City of Manchester, Engineer, for an invention for—"Improvements in machinery and apparatus for burring, carding and combing wool and other fibrous substances." <i>Letters Patent sealed.</i>
DUMARCHEY. 27th November 1861.	2981. FRANÇOIS FRÉDÉRIK DUMARCHEY, of Boulevard de Strasbourg, in the City of Paris, in the Empire of France, Engineer, for an invention for—"Improvements in machines for crushing and pounding stones, ore and other materials." <i>Letters Patent sealed.</i>
RYDILL. 27th November 1861.	2982. GEORGE RYDILL, of Dewsbury, in the County of York, for an invention for—"An improved cornish or other steam-boiler with smoke consumer and condenser, being also applicable for ventilation." <i>Provisional protection only.</i>

LECK. 27th November 1861.	2983. WILLIAM LECK, of Glasgow, in the County of Lanark, North Britain, Manufacturer, for an invention for—"Improvements in weaving, printing and otherwise treating certain ornamental fabrics." <i>Provisional protection only.</i>
COOK. 27th November 1861.	2984. JOHN COOK, of Glasgow, in the County of Lanark, North Britain, Brass-founder, for an invention for—"Improvements in pendent lamps." <i>Provisional protection only.</i>
WHIBLEY. LUMLEY. 27th November 1861.	2985. AMOS WHIBLEY, and THOMAS LUMLEY, both of Gloucester Grove East, Old Brompton, in the County of Middlesex, Carpenters and Joiners, for an invention for—"Improvements in ventilators." <i>Provisional protection only.</i>
BRAMBACH. 27th November 1861.	2986. HERMANN BRAMBACH, of No. 11, Lungengasse, in the City of Cologne, Merchant, for an invention for—"A new mode of manufacturing gas for illuminating purposes." <i>Provisional protection only.</i>
BARCLAY. 27th November 1861.	2987. ANDREW BARCLAY, of Kilmarnock, in the County of Ayr, North Britain, Engineer, for an invention for—"Improvements in machinery or apparatus for boring and winding purposes." <i>Provisional protection only.</i>
MEARING. 27th November 1861.	2988. HORATIO MEARING, of 18, Great Randolph Street, Camden Town, for an invention for—"An improved lucifer match and prepared paper for igniting the same." <i>Letters Patent sealed.</i>
NEWTON. 27th November 1861.	2989. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improvements in mowing and reaping machinery."— <i>A communication to him from abroad by William Van Anden, of New York, in the United States of America.</i> <i>Letters Patent sealed.</i>
CLARK. 27th November 1861.	2990. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in the clasps or fastenings of purses, bags, portfolios, tobacco pouches and other like articles."— <i>A communication to him from abroad by Mr. Joseph Schoenfeld, of 29, Boulevard St. Martin, Paris, in the Empire of France, Leather Case Manufacturer.</i> — <i>Letters Patent sealed.</i>
CLARK. 27th November 1861.	2991. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in the construction of parts of electric telegraph bell apparatus, and in apparatus used in making the same."— <i>A communication to him from abroad by Mr. Pierre Désiré Prud'homme, of 29, Boulevard St. Martin, Paris, in the Empire of France, Mechanician.</i> <i>Letters Patent sealed.</i>
SOLLER. 27th November 1861.	2992. JOHN HENRY SOLLER, of St. John Street Road, in the County of Middlesex, Watch Maker, for an invention for—"Improvements in cases for holding and supplying caps to the nipples of rifles and other fire-arms." <i>Provisional protection only.</i>
OHREN. 27th November 1861.	2993. MAGNUS OHREN, of Sydenham, in the County of Kent, Associate of the Institution of Civil Engineers, for an invention for—"An improvement in the manufacture of gas and the apparatus connected therewith." <i>Provisional protection only.</i>
HENRY. 27th November 1861.	2994. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in the manufacture of soap and the preparation of materials for the purpose."— <i>A communication to him from abroad by Louis Marie Théophile Riot, of 33, Boulevard Saint Martin, Paris, France.</i> <i>Letters Patent sealed.</i>
ROWAN. 27th November 1861.	2995. WILLIAM ROWAN, of the firm of John Rowan and Sons, of Belfast, in the County of Antrim, Engineers, for an invention for—"Improvements in machines for heckling and scutching flax and other vegetable fibres." <i>Letters Patent sealed.</i>
AMPHLET. 27th November 1861.	2996. SAMUEL AMPHLET, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"An improvement or improvements in ornamenting surfaces." <i>Letters Patent sealed.</i>
WILDE. 28th November 1861.	2997. HENRY WILDE, of the City of Manchester, Engineer, for an invention for—"Improvements in magneto-electric telegraphs and in apparatus connected therewith." <i>Letters Patent sealed.</i>

COOKE. SQUIRE. 28th November 1861.	2998. WILLIAM COOKE, of 26, Spring Gardens, Civil Engineer, and FRANCIS SQUIRE, of Fleet Street, London, Civil Engineer, both in the County of Middlesex, for an invention for—"An improved construction of paddle wheels for vessels propelled by steam or other motive-power." <i>Provisional protection NOT granted.</i>
STEVENS. 28th November 1861.	2999. CHARLES STEVENS, of 31, Charing Cross, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in furnaces for working iron ore."— <i>A communication to him from abroad by Joseph Bonne, of Paris, in the Empire of France.</i> <i>Provisional protection only.</i>
ROWAN. 28th November 1861.	3000. JOHN MARTIN ROWAN, of Glasgow, in the County of Lanark, North Britain, Engineer, for an invention for—"Improvements in the manufacture of railway wheels and in apparatus to be used therein." <i>Letters Patent sealed.</i>
CARPENTER. 28th November 1861.	3001. SAMUEL ALFRED CARPENTER, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"An improvement or improvements in attaching name plates or labels to umbrellas, parasols, walking sticks and whips." <i>Letters Patent sealed.</i>
SPENCE. 28th November 1861.	3002. PETER SPENCE, of Newton Heath, near Manchester, in the County of Lancaster, Manufacturing Chemist, for an invention for—"Improvements in the treatment of ores for the manufacture of sulphuric acid and in apparatus connected therewith, which apparatus is also applicable to the treatment of ores for separating metals therefrom." <i>Letters Patent sealed.</i>
WEISS. 28th November 1861.	3003. FREDERIC FOVEAUX WEISS, of the Strand, Surgical Instrument Maker, for an invention for—"An improved fastening for boxes and cases." <i>Provisional protection only.</i>
VON KANIG. 28th November 1861.	3004. WILHELM ADOLPH VON KANIG, of Brompton Row, Brompton Road, Brompton, in the County of Middlesex, for an invention for—"Improvements applicable to stoves or open fire-places for utilizing more of the heat therefrom than heretofore, also for economizing fuel and igniting same." <i>Provisional protection only.</i>
DE LABAUME. 28th November 1861.	3005. JULES D'ADHÉMAR DE LABAUME, of 9, Dorset Terrace, Clapham Road, in the County of Surrey, for an invention for—"Improvements in machinery for cooling and freezing water and other fluids."— <i>A communication to him from abroad by Edouard Blée, resident at 3, Rue d'Amboise, Paris, in the Empire of France.</i> <i>Letters Patent sealed.</i>
PITT. SHEDLOCK. 28th November 1861.	3006. BENJAMIN PITT, of 3A, Great Carter Lane, in the City of London, Engineer, and JAMES JOHN SHEDLOCK, of 1, Wendale Villas, Earl's Court, Kensington, W., for an invention for—"Improvements in cocks or valves for the passage of fluids." <i>Letters Patent sealed.</i>
FUNNELL. 29th November 1861.	3007. EDWARD FUNNELL, of 54, East Street, Brighton, in the County of Sussex, Watch and Clock Manufacturer, for an invention for—"A self-acting indicator signal for railways." <i>Provisional protection only.</i>
CARLE. 29th November 1861.	3008. LOUIS HENRY CHRISTIAN JACOB CARLE, of Brownlow Street, Holborn, in the County of Middlesex, for an invention for—"Improvements in means or apparatus for indicating and registering the 'score' for billiards and other games." <i>Letters Patent sealed.</i>
ELLIS. 29th November 1861.	3009. THOMAS ELLIS, of Swindon, in the County of Wilts, Engineer, for an invention for—"Certain improvements in rails for permanent ways." <i>Letters Patent sealed.</i>
CHILDS. 29th November 1861.	3010. AUGUSTUS BRYANT CHILDS, of 481, New Oxford Street, in the County of Middlesex, Engineer, for an invention for—"Improvements in wringing-machines."— <i>A communication to him from abroad by Francis Adams Cushman, of Lebanon, New Hampshire, United States.</i> <i>Provisional protection only.</i>
TONKS. BROOKES. 29th November 1861.	3011. SAMUEL TONKS, of West Bromwich, in the County of Stafford, Builder, and JOB BROOKES, of West Bromwich, aforesaid, Smith, for an invention for—"Improvements in steam-boiler furnaces and in setting certain kinds of steam-boilers." <i>Provisional protection only.</i>
PERRY. 29th November 1861.	3012. ROBERT CRAWFORD PERRY, of Manchester, in the County of Lancaster, Engraver, for an invention for—"An improved infant's feeding bottle." <i>Letters Patent sealed.</i>

- TAGLIACCOZZO.**
29th November 1861. 3013. PACIFICO TAGLIACCOZZO, of 41, Saint Mary at Hill, in the City of London, for an invention for—"Improvements in lamps and utensils thereof."
Provisional protection NOT granted.
- BROOMAN.**
29th November 1861. 3014. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improved safety buffer or apparatus to be used in railway trains to prevent accidents from collisions."—*A communication to him from abroad by Richard Dover Chatterton, of Cobourg, Canada West.*
Provisional protection only.
- TYER.**
29th November 1861. 3015. EDWARD TYER, of 15, Old Jewry Chambers, in the City of London, for an invention for—"Improvements in electric telegraphs."
Letters Patent sealed.
- COOK.**
SPENCER.
29th November 1861. 3016. RICHARD COOK, and GEORGE HOLME SPENCER, of Hathersage, in the County of Derby, Manufacturers, for an invention for—"Improvements in the manufacture of umbrellas and parasols."
Provisional protection only.
- COOKE.**
30th November 1861. 3017. WILLIAM COOKE, of 26, Spring Gardens, Saint Martins-in-the-Fields, in the County of Middlesex, Civil Engineer, for an invention for—"A wind guard for curing smoky chimnies."
Provisional protection only.
- GIBSON.**
30th November 1861. 3018. JOHN WILLIAM GIBSON, of the firm of Messrs Turner and Gibson, of the Hammersmith Iron Works, Dublin, for an invention for—"Improvements in ordnance applicable also to small arms."
Provisional protection only.
- COOPER.**
GARROOD.
30th November 1861. 3019. JOHN COOPER, of St. Margaret's Iron Works, Ipswich, in the County of Suffolk, and CHARLES GARROOD, of Penge, in the County of Surrey, for an invention for—"Improvements in cultivators, horse hoes and horse rakes."
Letters Patent sealed; no specification filed.
- PRICE.**
30th November 1861. 3020. EDWARD PRICE, of the firm of Messieurs Welsh, Margetson and Company, of Cheapside, in the City of London, for an invention for—"Improvements in collars for gentlemen's, ladies' and children's wear."
Provisional protection only.
- SCHULTZ.**
2nd December 1861. 3021. ALEXANDER SCHULTZ, of Paris, in the Empire of France, Manufacturing Chemist, for an invention for—"Improvements in the manufacture of certain colours for printing and dyeing fabrics."
Provisional protection only.
- WAKENELL.**
2nd December 1861. 3022. JAMES WAKENELL, of Hitchin, in the County of Hertford, Master of the Workhouse, for an invention for—"Improvements in the construction of invalid bedsteads convertible into other articles of furniture for the use of invalids."
Letters Patent sealed.
- BAIN.**
2nd December 1861. 3023. WILLIAM PELLEW BAIN, of Blackwall, in the County of Middlesex, Doctor of Medicine, for an invention for—"Improvements in protecting ships' bottoms from fouling."
Provisional protection only.
- RALSTON.**
2nd December 1861. 3024. GERARD RALSTON, of 21, Tokenhouse Yard, London, for an invention for—"Improvements in the mode of preparing and applying a certain material on the hulls of iron or wooden ships, or on the surfaces of materials for building the same, also for preventing oxidation and tubercles in iron water pipes."—*A communication to him from abroad by Jacob Snider, junior, of Pennsylvania, United States of America, now residing at Paris, Empire of France.*
Letters Patent sealed.
- TREEBY.**
3rd December 1861. 3025. THOMAS WRIGHT GARDENER TREEBY, of No. 1, Westbourne Terrace Villas, Westbourne Square, in the Parish of Paddington, London, for an invention for—"Improvements in machines for boring holes in rocks and other hard substances."
Letters Patent sealed.
- RÜST.**
3rd December 1861. 3026. ROBERT ANDERSON RÜST, of 34, Great Marlborough Street, Westminster, in the County of Middlesex, Pianoforte Manufacturer, for an invention for—"Improvements in the construction of the cases of pianofortes."
Letters Patent sealed.
- PICHERY.**
DANAIS.
3rd December 1861. 3027. ANDRÉ MARIE AUGUSTIN PICHERY, and PIERRE LOUIS DANAIS, both of Nantes, in the Department of Loire Inférieure, in the Empire of France, for an invention for—"Improvements in hermetically stoppering or covering jars, pots, vases and other like articles."
Provisional protection only.
- GLEW.**
3rd December 1861. 3028. JOHN HENRY GLEW, of Howland Street, Fitzroy Square, in the County of Middlesex, for an invention for—"Improvements in machinery or apparatus for sewing or stitching."
Letters Patent sealed; no specification filed.

BURROWS. DOUGAN. 3rd December 1861.	3029. JAMES BURROWS, of Wigan, and JOSEPH DOUGAN, of Haigh, in the County of Lancaster, Engineers, for an invention for—"Certain improvements in winding or driving drums or pulleys." <i>Letters Patent sealed.</i>
LEACH. 3rd December 1861.	3030. JAMES LEACH, of 19, Bronte Place, East Street, Walworth, in the County of Surrey, for an invention for—"Improvements in preparing matters to be used in the manufacture of candles." <i>Letters Patent sealed.</i>
BOUSFIELD. 3rd December 1861.	3031. GEORGE TOMLINSON BOUSFIELD, of the Loughborough Park, Brixton, in the County of Surrey, for an invention for—"An improved stopper for bottles, decanters, jars and similar articles."— <i>A communication to him from abroad by the inventor, William Augustus Shaw, residing at Boston, in the United States of America.</i> <i>Letters Patent sealed.</i>
FIELD. 3rd December 1861.	3032. JOHN LYON FIELD, of Upper Marsh, Lambeth, in the County of Surrey, for an invention for—"Improvements in the manufacture of mould candles." <i>Letters Patent sealed.</i>
DUCHEMIN. 3rd December 1861.	3033. WATSON DUCHEMIN, of Charlotte Town, Prince Edward's Island, for an invention for—"Improvements in blocks for hoisting." <i>Letters Patent sealed.</i>
NEWTON. 3rd December 1861.	3034. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in artificial teeth."— <i>A communication to him from abroad by Samuel Stockton White, of the City of Philadelphia, Pennsylvania, United States of America.</i> <i>Letters Patent sealed.</i>
GEDGE. 4th December 1861.	3035. WILLIAM EDWARD GEDGE, of the firm of John Gedge & Son, of No. 11, Wellington Street, Strand, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in the manufacture of nose bags and similar articles, and in apparatus connected with such manufacture."— <i>A communication to him from abroad by Felix Loignon, Merchant, and Victor Casse, Manufacturer, both of No. 15, Passage des Petites Ecuries, Paris, France.</i> <i>Letters Patent sealed.</i>
HEMINGWAY. 4th December 1861.	3036. JAMES HEMINGWAY, of Robert Town, in the County of York, Artist, for an invention for—"Improvements in the manufacture and ornamentation of textile fabrics." <i>Letters Patent sealed.</i>
STEAD. HIGHAM. 4th December 1861.	3037. THOMAS STEAD, Cotton Spinner, and WILLIAM HIGHAM, Overlooker, both of Ashton-under-Lyne, in the County of Lancaster, for an invention for—"Improvements in machinery or apparatus for spinning cotton or other fibrous materials." <i>Letters Patent sealed.</i>
CRABTREE. 4th December 1861.	3038. CHARLES CRABTREE, of Bingley, in the County of York, Paper Tube Maker, for an invention for—"Improvements in paper tubes and in the means or machinery for making or manufacturing the same." <i>Provisional protection only.</i>
BOYD. 4th December 1861.	3039. JAMES EDWARD BOYD, of Hither Green, Lewisham, in the County of Kent, Gentleman, for an invention for—"Improvements in scythes, scythe handles and apparatus for connecting the same." <i>Provisional protection only.</i>
HACKER. 4th December 1861.	3040. HENRY GEORGE HACKER, of Woodford Bridge, in the County of Essex, for an invention for—"Improvements in machinery for the manufacture of chenille and other circular pile fabrics." <i>Letters Patent sealed.</i>
NEWTON. 4th December 1861.	3041. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in pumps."— <i>A communication to him from abroad by Calvin Woodward, and George Mills Woodward, both of New York, United States of America.</i> — <i>Letters Patent sealed.</i>
KENNEDY. ARMSTRONG. 4th December 1861.	3042. ROBERT KENNEDY, and JAMES ARMSTRONG, both of Lisburn, in the Kingdom of Ireland, for an invention for—"An improved arrangement of driving gear." <i>Letters Patent sealed.</i>
BALMAIN. 4th December 1861.	3043. WILLIAM HENRY BALMAIN, of Saint Helen's, in the County of Lancaster, Manufacturing Chemist, for an invention for—"Improvements in the manufacture of potash and salts of potash." <i>Letters Patent sealed.</i>
BROOMAN. 4th December 1861.	3044. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in albums or books for containing and showing photographic and other pictures and in slides for the same."— <i>A communication to him from abroad by Henry Strauss, of Paris, France.</i> <i>Letters Patent sealed.</i>

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| <p>PULLAN.
LAKE.
4th December 1861.</p> <p>HARTOG.
4th December 1861.</p> <p>CARR.
5th December 1861.</p> <p>KNOWELDEN.
5th December 1861.</p> <p>ROBERTSON.
5th December 1861.</p> <p>WILSON.
5th December 1861.</p> <p>DICKS.
5th December 1861.</p> <p>COCHRANE.
5th December 1861.</p> <p>BUSBY.
5th December 1861.</p> <p>DAVIS.
5th December 1861.</p> <p>HENRY.
5th December 1861.</p> <p>SEELY.
WELLS.
PHILLIPS.
6th December 1861.</p> <p>WOODWARD.
WOODWARD.
WOODWARD.
6th December 1861.</p> <p>BAILEY.
BAILEY.
6th December 1861.</p> <p>CRADDOCK.
6th December 1861.</p> | <p>3045. ABRAHAM PULLAN, of New Cross, in the County of Surrey, Engineer, and WILLIAM LAKE, of the same place, Mechanical Draughtsman, for an invention for—"Improvements in traction and other engines, and in wheels for traction engines and other carriages, and in giving motion to ploughs and other agricultural machines." <i>Provisional protection only.</i></p> <p>3046. CHARLES SAMUEL HENRY HARTOG, of Norfolk Street, Strand, in the County of Middlesex, Merchant, for an invention for—"Improvements in the preparation and treatment of vegetable fibres the better to adapt them for combining, working up and dyeing with different fibres such as silk, wool, cotton and others, and in apparatus used in such treatment or preparation." <i>Letters Patent sealed.</i></p> <p>3047. ALLEN THOMAS CARR, of Carlisle Street, Soho, in the County of Middlesex, Gentleman, for an invention for—"The addition to horses' shoes of certain material to prevent slipping." <i>Letters Patent sealed; no specification filed.</i></p> <p>3048. JOHN KNOWELDEN, of Southwark, in the County of Surrey, Engineer, for an invention for—"Improvements in pumps." <i>Letters Patent sealed.</i></p> <p>3049. GEORGE WASHINGTON ROBERTSON, of Cannon Street, in the City of London, Engineer and Millwright, for an invention for—"Improvements in machinery for cleaning rice and other grain." <i>Provisional protection only.</i></p> <p>3050. JOHN WILSON, of Glasgow, in the County of Lanark, North Britain, Picture Frame Maker, for an invention for—"Improvements in frames used for displaying trade show cards, pictures or other similar devices." <i>Provisional protection only.</i></p> <p>3051. WILLIAM DICKS, of Floore, in the County of Northampton, Smith, for an invention for—"Improvements in pumps." <i>Provisional protection only.</i></p> <p>3052. JAMES COCHRANE, of Harburn, in the County of Mid-Lothian, Gentleman, for an invention for—"Improvements in wet gas-meters." <i>Letters Patent sealed.</i></p> <p>3053. WILLIAM BUSBY, of Newton-le-Willows, near Bedale, in the County of York, Agricultural Implement Manufacturer, for an invention for—"Improvements in ploughs." <i>Provisional protection only.</i></p> <p>3054. CHARLES DAVIS, of Bancroft Place, Mile End, in the County of Middlesex, for an invention for—"An improved composition for coating metal and wood to preserve them from decay, applicable as a substitute for copper and other sheathing or other compositions now in use for coating ships' bottoms to protect them from the injurious action of water." <i>Provisional protection only.</i></p> <p>3055. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in printing and ornamenting textile fabrics, paper hangings, and other materials and in surfaces and apparatus for such purposes."—<i>A communication to him from abroad by Alexandre Adrien Despréaux, of 33, Boulevard Saint Martin, Paris, France.</i> <i>Letters Patent sealed.</i></p> <p>3056. EDGAR DARIUS SEELY, THOMAS FOSTER WELLS, and GEORGE ARTHUR PHILLIPS, all in Norfolk County, in the Commonwealth of Massachusetts, one of the United States of America, for an invention for—"An improved apparatus for holding and placing percussion caps on fire-arms." <i>Provisional protection only.</i></p> <p>3057. ADAM WOODWARD, ROBERT WOODWARD, and WILLIAM WOODWARD, all of the City of Manchester, in the County of Lancaster, Engineers, for an invention for—"Improved arrangements of compound steam-engines." <i>Letters Patent sealed.</i></p> <p>3058. JOHN BAILEY, and WILLIAM HENRY BAILEY, of the Albion Works, Salford, near Manchester, in the County of Lancaster, Turret Clock Makers, for an invention for—"Improvements in apparatus for indicating the pressure of steam and gases, the amount of vacuum, the flow of fluids, the weight of materials, and the speed of bodies either revolving or traversing, and also the employment of aluminium or its alloys in the manufacture of the same." <i>Letters Patent sealed.</i></p> <p>3059. CHARLOTTE CRADDOCK, of No. 5A, Orchard Terrace, Kensington, in the County of Middlesex, Dress Maker, for an invention for—"An improved system or method of cutting out ladies' dresses." <i>Provisional protection only.</i></p> |
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NAPIER. 6th December 1861.	3060. JOHN DAVID NAPIER, of Glasgow, in the County of Lanark, North Britain, Engineer, for an invention for—"Improvements in brakes."— <i>A communication to him from abroad by Robert Napier, residing at Newcastle, New South Wales.</i> <i>Letters Patent sealed.</i>
COLLIER. 6th December 1861.	3061. EDWIN COLLIER, of Aldershot, in the County of Southampton, Boot and Shoe Maker, for an invention for—"Improvements in coverings for the feet and legs." <i>Provisional protection only.</i>
VEITERLIN. 6th December 1861.	3062. FREDERICK VEITERLIN, of No. 14, Scarborough Street, Goodman's Fields, in the County of Middlesex, Engineer, for an invention for—"Improvements in breech-loading ordnance and the projectiles to be used therewith which may also be applied to small arms." <i>Provisional protection only.</i>
SMITH. 6th December 1861.	3063. WILLIAM SMITH, of Kettering, in the County of Northampton, Agricultural Implement Maker, for an invention for—"Improvements in the construction of horse hoes." <i>Provisional protection only.</i>
HOWARD. 6th December 1861.	3064. JAMES HOWARD, of Bedford, Agricultural Engineer, for an invention for—"An improvement in the construction of haymaking machines." <i>Provisional protection only.</i>
SCHRAMM. 6th December 1861.	3065. HEINRICH GOTTFRIED SCHRAMM, of 149, Rothenburgsort, Hamburg, for an invention for—"Improvements in rotatory engines and pumps."— <i>The result partly of a communication from abroad made to him by Eduard Rösch, resident at Lindenau, in the Kingdom of Saxony, and partly of invention and discovery made by himself.</i> <i>Letters Patent sealed.</i>
RUSSELL. BROWN. 6th December 1861.	3066. JOHN JAMES RUSSELL, of the Crown Tube Works, Wednesbury, in the County of Stafford, Patent Tube Manufacturer, and BURDETT LAMBTON BROWN, of the same place, Engineer in the employ of the said John James Russell, for an invention for—"Improvements in apparatus used in the manufacture of taper tubes." <i>Letters Patent sealed.</i>
LAWES. 7th December 1861.	3067. THOMAS LAWES, of 65, City Road, in the County of Middlesex, for an invention for—"Improvements in the manufacture of quilts and coverlets." <i>Letters Patent sealed; specification filed by order.</i>
CLARK. 7th December 1861.	3068. GEORGE CLARK, of No. 30, Craven Street, Strand, London, for an invention for—"Improvements in the use, application and manufacture of iron or steel as armour for ships or batteries." <i>Letters Patent sealed.</i>
JOLLEY. 7th December 1861.	3069. RICHARD JOLLEY, of 47, St. John Street, Smithfield, in the County of Middlesex, for an invention for—"An improved apparatus for heating, cooling or drying, infusing, extracting or absorbing vapours or gases for manufacturing, medical or domestic purposes, and for preserving liquids and solids alimentary or otherwise." <i>Letters Patent sealed.</i>
BLADON. 7th December 1861.	3070. GEORGE THOMAS BLADON, of Grove Lane, Camberwell, in the County of Surrey, Warehouseman, for an invention for—"Improvements in chimney tops for the prevention of down draughts in chimnies." <i>Provisional protection only.</i>
MAY. 7th December 1861.	3071. DANIEL MAY, of Wood Street, in the City of London, Warehouseman, for an invention for—"An improved method of securing scarfs and similar articles to the neck." <i>Provisional protection only.</i>
HUTCHINSON. 7th December 1861.	3072. WILLIAM NELSON HUTCHINSON, of Devonport, in the County of Devon, a Major General in Her Majesty's Army, for an invention for—"Improvements in projectiles and ordnance and in apparatus to be used therewith." <i>Letters Patent sealed.</i>
BRISTOW. 7th December 1861.	3073. HENRY WILLIAM BRISTOW, of the Geological Museum, Jermyn Street, in the County of Middlesex, Gentleman, for an invention for—"Improvements in the manufacture or production of candles."— <i>A communication to him from abroad by Pierre Louis Alexis Boillot, of Paris, in the Empire of France, and Victor Francois Cocheu, of Veslay, in the said Empire.</i> <i>Provisional protection only.</i>
FEARN. COX. 7th December 1861.	3074. THOMAS FEARN, Electro Plater and Gilder, of Birmingham, in the County of Warwick, and THOMAS COX, junr, Umbrella and Parasol Manufacturer, also of Birmingham aforesaid, for an invention for—"The application of certain electro deposits to the coating or finishing of the stretchers, ribs and other metal portions of umbrellas and parasols." <i>Provisional protection only.</i>

- MELLODEW.
KESSELMAYER.
WORRALL.
7th December 1861. 3075. THOMAS MELLODEW, of Oldham, in the County of Lancaster, Manufacturer, CHARLES WILLIAM KESSELMAYER, of Manchester, in the said County, Warehouseman, and JOHN MAYO WORRALL, of Salford, in the said County, Dyer, for an invention for—"Improvements in dyeing and printing certain descriptions of woven fabrics." *Letters Patent sealed.*
- GERLAND.
7th December 1861. 3076. BALTHASAR WILHELM GERLAND, of Newton-le-Willows, in the County of Lancaster, Chemist, for an invention for—"Improvements in the manufacture of sulphate of copper and other salts of the same metal." *Letters Patent sealed.*
- FENNER.
9th December 1861. 3077. REST FENNER, of 7, Red Lion Court, Fleet Street, London, Envelope Maker, for an invention for—"Machinery for cementing the points of envelopes." *Provisional protection NOT granted.*
- VARLEY.
9th December 1861. 3078. CROMWELL FLEETWOOD VARLEY, of No. 4, Fortess Terrace, Kentish Town, in the County of Middlesex, Electrician, for an invention for—"Improvements in electric telegraphs." *Complete specification; Letters Patent sealed.*
- MENNONS.
9th December 1861. 3079. MARC ANTOINE FRANÇOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Exchiquier, Paris, in the Empire of France, for an invention for—"Improved natatory apparatus."—*A communication from Léon Lejuste, a person resident at No. 63, Rue du Canteleux, Douai, France. Letters Patent sealed.*
- MENNONS.
9th December 1861. 3080. MARC ANTOINE FRANÇOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Exchiquier, Paris, in the Empire of France, for an invention for—"A new or improved combination of microscopic photographs and lenses with certain precious stones or imitations thereof."—*A communication from Louis Henri Bouillette, and Jean Amable Hyvelin, persons resident at No. 31, Rue Michel-le-Comte, Paris, France. Letters Patent sealed.*
- MENNONS.
9th December 1861. 3081. MARC ANTOINE FRANÇOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Exchiquier, Paris, in the Empire of France, for an invention for—"Improvements in the production of relief designs on metallic surfaces for general printing, gaufering and embossing purposes."—*A communication from François Debons, and Theobald Denny, persons resident at No. 48, Rue Beauregard, Paris, France. Provisional protection only.*
- FORDRED.
9th December 1861. 3082. JOHN FORDRED, of Brighton, in the County of Sussex, for an invention for—"Improvements in treating linseed oil." *Letters Patent sealed.*
- BROOMAN.
9th December 1861. 3083. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in treating atmospheric air and other elastic fluids for motive-power purposes, and in engines and apparatuses to be employed therewith."—*A communication to him from abroad by Charles Dickson Archibald, of New York, United States of America. Letters Patent sealed.*
- BROOMAN.
9th December 1861. 3084. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"An improvement in black lead pencils."—*A communication to him from abroad by Humblot Conté, of Paris, France. Provisional protection NOT granted.*
- SILVER.
PRINGLE.
9th December 1861. 3085. STEPHEN WILLIAM SILVER, of Bishopsgate Street, in the City of London, Manufacturer, and HALL PRINGLE, of King's Road, Chelsea, in the County of Middlesex, Gentleman, for an invention for—"Improvements in shoes for horses and other quadrupeds." *Provisional protection only.*
- MASON.
9th December 1861. 3086. WILLIAM MASON, of 40, Canton Street, Poplar, in the County of Middlesex, for an invention for—"Improvements in applying armour or thick plating to ships and other structures." *Provisional protection only.*
- CLARK.
9th December 1861. 3087. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in gloves."—*A communication to him from abroad by Mr. Alfred Alexander Abdon Cressent, of 29, Boulevard St. Martin, Paris, Merchant. Letters Patent sealed.*
- NEWTON.
9th December 1861. 3088. SUSSEX NEWTON, of 17, Nutford Place, Edgeware Road, in the County of Middlesex, Gentleman, for an invention for—"Improvements in apparatus for steering and stopping vessels." *Provisional protection only.*

TEAR. 10th December 1861.	3089. GOLDSMITH TEAR, of Liverpool, in the County of Lancaster, for an invention for—"Improvements for facilitating the drying of wet or damaged cotton or wool or other similar fibrous material." <i>Provisional protection only.</i>
ALEXANDER. 10th December 1861.	3090. HECTOR ALEXANDER, of Glasgow, in the County of Lanark, North Britain, Gas burner Manufacturer, for an invention for—"Improvements in turning-apparatus for making gas burners." <i>Letters Patent sealed.</i>
SPENCER. 10th December 1861.	3091. HENRY SPENCER, of Rochdale, in the County of Lancaster, Agent, for an invention for—"Improvements in machinery or apparatus for spinning and doubling cotton and other fibrous substances." <i>Provisional protection only.</i>
STANLEY. 10th December 1861.	3092. WILLIAM FORD STANLEY, Mathematical Instrument Maker, of 3, Great Turnstile, Holborn, London, W.C., for an invention for—"The use of aluminium for the construction of mathematical instruments used for geometrical drawing, surveying and nautical purposes, and improvements connected therewith." <i>Provisional protection only.</i>
REDIER. 10th December 1861.	3093. JOSEPH ANTOINE JEAN REDIER, of 2, Rue Sainte-Appoline, Paris, France, and of 4, South Street, Finsbury, London, for an invention for—"Some improvements in pocket watches." <i>Letters Patent sealed.</i>
DAGUZAN. 10th December 1861.	3094. VICTOR LÉON DAGUZAN, of 2, Rue Sainte-Appoline, Paris, France, and of 4, South Street, Finsbury, London, Painter, for an invention for—"Improvements in the method of paving roads and other places." <i>Letters Patent sealed.</i>
LOCK. 10th December 1861.	3095. GEORGE CHARLES LOCK, of Liverpool, in the County of Lancaster, for an invention for—"Improvements in cinder sifters." <i>Provisional protection only.</i>
HIGGINS. 10th December 1861.	3096. THOMAS HIGGINS, of Bow, in the County of Middlesex, Tornographer, for an invention for—"Improved machinery for filling dipping clamps with tapers, match stems and splints." <i>Letters Patent sealed.</i>
NEWTON. 10th December 1861.	3097. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in breech loading cannon."— <i>A communication to him from abroad by John Bryce, and Benjamin de Forest, of New York, in the United States of America.</i> <i>Provisional protection only.</i>
NEWTON. 10th December 1861.	3098. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in knapsacks."— <i>A communication to him from abroad by Joseph Short, of the City of Boston, in the United States of America.</i> <i>Letters Patent sealed.</i>
VOGL. 10th December 1861.	3099. DAVID VOGL, of Sambrook Court, Basinghall Street, in the City of London, for an invention for—"Improvements in garments for gentlemen and ladies' wear." <i>Letters Patent sealed.</i>
AGNEW. 10th December 1861.	3100. JOHN WASHINGTON AGNEW, of the City of London, in West Canada, but at present of Windsor Chambers, Great St. Helen's, in the City of London, Gentleman, for an invention for—"A new and improved electro-voltaic pocket battery."— <i>The result partly of a communication made to him from abroad by Henry Palmer, of the City of London, in West Canada, and is partly an invention and discovery made by him.</i> <i>Provisional protection only.</i>
MENNONS. 11th December 1861.	3101. MARC ANTOINE FRANCOIS MENNONS, of the British and Foreign Patent Offices, 39, Rue de l'Echiquier, Paris, in the Empire of France, for an invention for—"Improvements in jack machinery for moving heavy bodies."— <i>A communication from Félix Winand, a person resident at Goffontaine-Fraipont, in the Kingdom of Belgium.</i> <i>Complete specification; Letters Patent sealed.</i>
TANNER. PROCTOR. 11th December 1861.	3102. HENRY TANNER, and WILLIAM PROCTOR, both of Bristol, in the County of Gloucester, Agricultural Chemists, for an invention for—"Improvements in the method of applying manure to growing crops and also in the machinery or apparatus to be employed for such purpose." <i>Provisional protection only.</i>
CLARK. 11th December 1861.	3103. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in stoppering bottles and other vessels."— <i>A communication to him from abroad by M^r Victor Hippolyte Solon, of 29, Boulevard St. Martin, Paris, Proprietor.</i> <i>Provisional protection only.</i>

PERCY. 11th December 1861.	3104. WILLIAM CARTER STAFFORD PERCY, of the City of Manchester, in the County of Lancaster, Patent Brick Machinist, for an invention for—"Improvements in machinery for making bricks, tiles, pipes and other articles formed of plastic materials." <i>Provisional protection only.</i>
SCHLOSS. 11th December 1861.	3105. JOSEPH SCHLOSS, of Cannon Street, in the City of London, Merchant, for an invention for—"An improvement in forming the leaves of albums and books for containing photographic portraits and views."— <i>A communication to him from abroad by Simeon Schloss, of Paris, France.</i> <i>Provisional protection only.</i>
BROOMAN. 11th December 1861.	3106. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"A new or improved method of treating teasles or thistles to be used in the teasing of cloths and stuffs and otherwise."— <i>A communication to him from abroad by Adolphe André Gohin, of Vire, France.</i> <i>Letters Patent sealed.</i>
BROOMAN. 11th December 1861.	3107. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in decorating or printing upon china, porcelain, earthen and other like wares."— <i>A communication to him from abroad by Joseph Robert Prévost, of Paris, France.</i> <i>Provisional protection only.</i>
TOOTH. YATES. 11th December 1861.	3108. WILLIAM HENRY TOOTH, of Rhodeswell Road, in the County of Middlesex, Engineer, and WILLIAM YATES, the younger, of Parliament Street, in the City of Westminster, Agent, for an invention for—"Improvements in the manufacture of iron and steel and in the machinery, apparatus or furnaces used therein, and for the production of gas to be employed in such manufacture." <i>Letters Patent sealed.</i>
POTTER. 11th December 1861.	3109. JOHN POTTER, of Leeds, in the County of York, a partner in the firm of Henry Joseph Morton & Co., of the same place, Wire Fencing Manufacturers, for an invention for—"An improved mode of jointing or connecting telegraph wires, which is also applicable to jointing or connecting signal wires, fencing wires and other wires or rods." <i>Letters Patent sealed.</i>
LEEMING. 11th December 1861.	3110. JOHN LEEMING, of North Holme Mill, Bradford, in the County of York, Machine Maker, for an invention for—"Improvements in looms for weaving." <i>Letters Patent sealed.</i>
SEARLE. 12th December 1861.	3111. RICHARD SEARLE, of Woodford Wells, in the County of Essex, Gentleman, for an invention for—"Improvements in the treatment, preparation and combination of metals used for sheathing ships and marine erections, also for roofing buildings and other purposes." <i>Letters Patent sealed.</i>
MENNONS. 12th December 1861.	3112. MARC ANTOINE FRANCOIS MENNONS, of Furnival's Inn, London, E.C., for an invention for—"An improved means of defecating and purifying cane and other saccharine juices."— <i>A communication from Louis Marie Amand Achille de Courson de la Villeneuve (Brigadier General in the French Army and Commander of the Legion of Honour), a person resident at Caen (Calvados), in the Empire of France.</i> <i>Complete specification; Letters Patent sealed.</i>
LIGHTFOOT. 12th December 1861.	3113. WILLIAM LIGHTFOOT, of Harwell, in the County of Berkshire, Surgeon, for an invention for—"An improved bridle." <i>Letters Patent sealed.</i>
GODFREY. 12th December 1861.	3114. WILLIAM WIGGINS GODFREY, of 52, Whiskin Street, Clerkenwell, in the County of Middlesex, Gold Chain Manufacturer and Goldsmith, for an invention for—"An improved fastener or protector for Albert guards." <i>Letters Patent sealed.</i>
WILEY. 12th December 1861.	3115. WILLIAM EDWARD WILEY, of No. 34, Great Hampton Street, Birmingham, in the County of Warwick, Gold pen and pencil Case Manufacturer, for an invention for—"An improvement or improvements in pencil cases and holders for crayons and other solid writing or marking materials, which improvement or improvements may also be applied to crochet needle holders."— <i>Letters Patent sealed.</i>
MUSHET. 12th December 1861.	3116. ROBERT MUSHET, of Coleford, in the County of Gloucester, Metallurgist, for an invention for—"An improvement or improvements in the manufacture of iron and puddled steel." <i>Provisional protection only.</i>
LONGRIDGE. 12th December 1861.	3117. WILLIAM SMITH LONGRIDGE, of Alderwasley Iron Works, in the County of Derby, Engineer, for an invention for—"Improvements in railway wheels and tyres." <i>Letters Patent sealed.</i>

TONNAR. 12th December 1861.	3118. AUGUSTUS TONNAR, of Eupen (Rhenish Prussia,) Brewer, for an invention for—"Improvements in the method of and apparatus for drying and cleansing malt as well as any other species of grain and seed intended for brewing, distilling and agricultural purposes." <i>Letters Patent sealed.</i>
SCOTT. 12th December 1861.	3119. JOHN WILLIAM SCOTT, of the City of Worcester, Button Manufacturer, for an invention for—"Improvements in wads for fire-arms."— <i>Letters Patent sealed.</i>
JOBIN. 12th December 1861.	3120. JOSEPH DOMINIQUE JOBIN, of South Island Place, Clapham Road, in the County of Surrey, Engineer, for an invention for—"Improvements in locomotive engines, parts of which improvements are also applicable to marine and stationary engines." <i>Letters Patent sealed.</i>
BAILEY. 12th December 1861.	3121. HENRY BAILEY, of Trump Street, Cheapside, in the City of London, for an invention for—"An improved button or stud." <i>Provisional protection only.</i>
ASHWORTH. SHEPHERD. CORMAC. DEARDEN. 13th December 1861.	3122. RICHARD ASHWORTH, and GEORGE SHEPHERD, Manufacturers, and JOHN CORMAC, Mechanic, and JOHN DEARDEN, Overlooker, all of Stacksteads, in the County of Lancaster, for an invention for—"Improvements in looms for weaving." <i>Provisional protection only.</i>
HEWETT. 13th December 1861.	3123. STEPHEN BARBER HEWETT, of Railway Cottage, Fairfield Road, Bow, in the County of Middlesex, Engineer, for an invention for—"Improvements in the construction of boilers or generators for steam-engines and other uses, applicable also to evaporators, and in pumps used therewith or otherwise used, some of which improvements in pumps are applicable to pistons and piston rods generally." <i>Letters Patent sealed.</i>
BELL. 13th December 1861.	3124. WILLIAM BELL, of the firm of Sidney Flavell and Co., of Leamington, in the County of Warwick, Manufacturers, for an invention for—"Improvements in kitcheners or cooking ranges." <i>Letters Patent sealed.</i>
BRAMPTON. 13th December 1861.	3125. FREDERICK BRAMPTON, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"An improvement or improvements in the manufacture of the middle joints of measuring rules." <i>Provisional protection only.</i>
OLDING. 13th December 1861.	3126. HENRY JOHN OLDING, of Smith Square, Westminster, in the County of Middlesex, Engineer, for an invention for—"Improvements in the mode of and apparatus for feeding steam-boilers, also in apparatus for supplying fluids for other purposes, and in apparatus for raising fluids." <i>Letters Patent sealed.</i>
DE BEAULIEU. 13th December 1861.	3127. EDUARD CLAUDE BARBOTTE DE BEAULIEU, of Avallon, in the Department of the Yonne, in the Empire of France, for an invention for—"Improvements in the manufacture of spirituous liquors and in apparatus employed therein." <i>Letters Patent sealed.</i>
BIRD. 13th December 1861.	3128. GREGORY BIRD, of Glasgow, in the County of Lanark, North Britain, Manufacturing Chemist, for an invention for—"An improved grease for lubricating frictional surfaces." <i>Provisional protection only.</i>
FRIEND. 13th December 1861.	3129. JOHN WALTER FRIEND, of Freemantle, Southampton, for an invention for—"Improvements in apparatus for registering the depth and flow of liquids and the distances run by ships at sea." <i>Letters Patent sealed.</i>
WALKER. 13th December 1861.	3130. THOMAS WALKER, of Birmingham, in the County of Warwick, Engineer, for an invention for—"Improvements in means or apparatus for indicating the speed of vessels and for taking soundings." <i>Letters Patent sealed.</i>
GIBSON. 13th December 1861.	3131. THOMAS BOW GIBSON, of the City of Glasgow, Manufacturer, for an invention for—"A new or improved method of ornamenting certain fabrics." <i>Letters Patent sealed.</i>
PADLEY. 13th December 1861.	3132. SYLVANUS PADLEY, of Swansea, in the County of Glamorgan, Esquire, for an invention for—"Improvements in paddle wheels."— <i>Provisional protection only.</i>
QUANTIN. 13th December 1861.	3133. PIERRE QUANTIN, of Bouscat, near Bordeaux, in the Empire of France, for an invention for—"Manufacturing moulded earthen or stoneware cross sleepers for superseding wooden ones in the construction of railways."— <i>Letters Patent sealed.</i>
CABOURG. 13th December 1861.	3134. THOMAS CABOURG, of 333, Rue Saint Martin, Paris, in the Empire of France, and of 42, Bridge Street, Blackfriars, London, for an invention for—"Improvements in screwing leather for the manufacture of shoes and for other purposes." <i>Provisional protection not granted.</i>

- NEWTON.
13th December 1861. 3135. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"An improved arrangement of fire escape."—*A communication to him from abroad by Aaron Shute, of Flushing, in the County of Queens, and State of New York, United States of America.*
Letters Patent sealed.
- HETHERINGTON.
WEBB.
CRAIG.
13th December 1861. 3136. JOHN HETHERINGTON, of Manchester, in the County of Lancaster, Machine Maker, THOMAS WEBB, of Smallwood Manor, Uttoxeter, in the County of Stafford, Esquire, and JAMES CRAIG, of Tutbury, in the County of Stafford, Cotton Spinner, for an invention for—"Improvements in machinery or apparatus for spinning and doubling cotton and other fibrous materials."
Letters Patent sealed.
- APPLEBY.
HARRISON.
13th December 1861. 3137. HENRY APPLEBY, of 4, Tavistock Place, Plumstead Common, in the County of Kent, Gentleman, and HENRY HARRISON, of the Grand Junction Works, Northampton, Engineer, for an invention for—"Improvements in machinery for boring wood and other materials used in the manufacture of brooms and brushes."
Letters Patent sealed.
- ADKINS.
BONTHRON.
13th December 1861. 3138. THOMAS KILLINGWORTH ADKINS, of Wallingford, in the County of Berks, and JOHN BONTHRON, of 106, Regent Street, in the County of Middlesex, for an invention for—"Improvements in the manufacture of starch and in apparatus employed therein."
Provisional protection only.
- KELLY.
13th December 1861. 3139. JOHN KELLY, of Brook Lodge, in the County of Roscommon, Civil Engineer, for an invention for—"Improvements in the treatment of milk for the manufacture of butter and in apparatus for the same."
Provisional protection only.
- BROOMAN.
13th December 1861. 3140. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in and apparatus for the production and application of motive-power in locomotive and other steam-engines."—*A communication to him from abroad by Felix Alexandre Testud de Beauregard, of Paris, France.*
Letters Patent sealed.
- BROOMAN.
13th December 1861. 3141. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in blowers or apparatuses for superheating steam and other gases, and for projecting them combined with atmospheric air upon ignited combustible matter."—*A communication to him from abroad by Felix Alexandre Testud de Beauregard, of Paris, France.*
Letters Patent sealed.
- DE BEAULIEU.
14th December 1861. 3142. EDUARD CLAUDE BARBOTTE DE BEAULIEU, of Avallon, in the Department of Yonne, in the Empire of France, for an invention for—"Improvements in apparatus for extracting gold dust from auriferous sands."
Letters Patent sealed.
- DUYCK.
14th December 1861. 3143. JACQUES EDOUARD DUYCK, of Tutsham Mills, West Farleigh, in the County of Kent, Gentleman, for an invention for—"Improvements in the expression of oil from cake and seeds and in apparatuses employed therein."
Letters Patent sealed.
- KOHN.
14th December 1861. 3144. FERDINAND KOHN, of No. 17, Southampton Terrace, Waterloo Bridge, London, for an invention for—"An improved mode of copying writings, drawings, prints and similar objects."
Provisional protection only.
- McDOUGALL.
CRANE.
14th December 1861. 3145. COLIN McDOUGALL, and JOSEPH CRANE, both of the City of Manchester, in the County of Lancaster, Wholesale Warehousemen, for an invention for—"Improved means for raising and supporting ladies' dresses."—*Provisional protection only.*
- ROGERS.
14th December 1861. 3146. WILLIAM RODRIGUES ROGERS, of Gray's Inn Road, in the County of Middlesex, Builder, for an invention for—"An improved mode of constructing dovetail joints."
Letters Patent sealed.
- DEBENHAM.
14th December 1861. 3147. WILLIAM ELLIOTT DEBENHAM, of The Terrace, Kensington Gardens Square, in the County of Middlesex, for an invention for—"An improved plate-holder for photographic purposes."
Provisional protection only.
- HUSBAND.
14th December 1861. 3148. WILLIAM HUSBAND, of Hayle, in the County of Cornwall, for an invention for—"An improved water safety-valve."
Letters Patent sealed.

JOHNSON. 14th December 1861.	3149. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in railway rolling stock."— <i>A communication to him from abroad by Thomas Jefferson Thompson, of Logrono, in the Kingdom of Spain, Civil and Mechanical Engineer.</i> <i>Provisional protection only.</i>
CAJOT. 14th December 1861.	3150. EMILE CAJOT, Merchant, of St Servais (Belgium), for an invention for—"Improvements in the treatment of pyrites for the manufacture of iron." <i>Letters Patent sealed.</i>
WILLIS. 16th December 1861.	3151. JOHN WILLIS, Junior, of Newcastle-on-Tyne, in the County of Northumberland, Miller, for an invention for—"Improvements in the preparation of materials applicable to the manufacture of paper." <i>Letters Patent sealed.</i>
VALLAS. 16th December 1861.	3152. GEORGE PRINCE VALLAS, of No. 2, Kentish Town Road, Camden Town, in the County of Middlesex, Zinc Worker, for an invention for—"Improvements upon or additions to certain description of portable baths with the object of rendering them available for use as trunks or boxes." <i>Letters Patent sealed.</i>
DAVIES. 16th December 1861.	3153. GEORGE DAVIES, of No. 1, Serle Street, Lincoln's Inn, in the County of Middlesex, and No. 28, St. Enoch Square, in the City of Glasgow, Civil Engineer and Patent Agent, for an invention for—"Improvements in the manufacture of textile materials."— <i>A communication to him from abroad by Alois Chevalier Auer de Welsbach, Aulic Councillor, and Director of the Imperial Printing Office, Vienna.</i> <i>Letters Patent sealed.</i>
BARTRAM. HARWOOD. 16th December 1861.	3154. WILLIAM BARTRAM, and WILLIAM SHELDON HARWOOD, of Sheffield, in the County of York, Powder Flask Manufacturers, for an invention for—"An improved apparatus for filling and ramming cartridges for breech-loading and other fire-arms." <i>Letters Patent sealed.</i>
CHALMERS. 16th December 1861.	3155. DAVID CHALMERS, of Glasgow, in the County of Lanark, North Britain, Machinist, for an invention for—"Improvements in looms for weaving and in the manufacture of cloth therefrom." <i>Letters Patent sealed.</i>
AITKEN. 16th December 1861.	3156. JOHN AITKEN, of Lasswade, near Edinburgh, for an invention for—"Improvements in supplying water to water wheels." <i>Letters Patent sealed.</i>
LAWS. 16th December 1861.	3157. WILLIAM GEORGE LAWS, of the Borough of Tynemouth, Civil Engineer, for an invention for—"Improvements in railway point signals." <i>Letters Patent sealed.</i>
BAUMANN. 16th December 1861.	3158. CHARLES BAUMANN, of Altdorf Weingarten, Wurtemberg, for an invention for—"Improvements in buttons." <i>Letters Patent sealed.</i>
TUCKER. 17th December 1861.	3159. WALTER HENRY TUCKER, of 181, Fleet Street, London, for an invention for—"Improvements in locks." <i>Letters Patent sealed.</i>
CHALFONT. KEYS. 17th December 1861.	3160. JOHN WILLIAM CHALFONT, of No. 7, Denmark Grove, in the Parish of Islington, in the County of Middlesex, Watch Maker, and DAVID KEYS, of No. 15, Craven Street, Strand, in the County of Middlesex, Watch Maker, for an invention for—"Improvements in the method of and apparatus for winding up fusee watches and pocket chronometers and setting the hands without key." <i>Provisional protection only.</i>
BUNNEY. WRIGHT. 17th December 1861.	3161. JOHN BICKERTON BUNNEY, of Birmingham, in the County of Warwick, Electro Plater, and THOMAS WRIGHT, of Birmingham, aforesaid, Electro Plater, for an invention for—"Improvements in ornamenting metallic and non-metallic bedsteads and other articles made principally of metallic rods or tubes." <i>Provisional protection only.</i>
SHAW. 17th December 1861.	3162. ROBERT SHAW, of Marple, in the County of Chester, Mechanic, for an invention for—"Certain improvements in 'carding-engines.'" <i>Letters Patent sealed.</i>
DALE. 17th December 1861.	3163. JOHN DALE, of Manchester, in the County of Lancaster, Manufacturing Chemist, for an invention for—"Improvements in the manufacture of glue or size." <i>Letters Patent sealed.</i>
NEWTON. 17th December 1861.	3164. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improved hoisting apparatus."— <i>A communication to him from abroad by John James Doyle, and James Christison both of the City of New York, United States of America.</i> <i>Letters Patent sealed.</i>

PLATT. RICHARDSON. 17th December 1861.	3165. JOHN PLATT, of Oldham, in the County of Lancaster, Mechanical Engineer, and WILLIAM RICHARDSON, of the same place, Mechanical Engineer, for an invention for—"Improvements in machinery or apparatus commonly called 'gins' for cleaning cotton from seeds." <i>Letters Patent sealed.</i>
SCOTT. 18th December 1861.	3166. ROBERT SCOTT, of 29, Great Portland Street, in the County of Middlesex, Gunmaker, for an invention for—"An improved method of rifling or grooving the barrels of fire-arms and ordnance." <i>Letters Patent sealed.</i>
SHEPPARD. 18th December 1861.	3167. SAMUEL SHEPPARD, of Birmingham, in the County of Warwick, Manufacturer, for an invention for—"A new or improved tap or stopcock." <i>Letters Patent sealed.</i>
PERRIN. 18th December 1861.	3168. JAMES PERRIN, of Hyde, in the County of Chester, Engineer, for an invention for—"An improved equilibrium valve." <i>Provisional protection only.</i>
CARTWRIGHT. 18th December 1861.	3169. MATTHEW CARTWRIGHT, of Carlisle, in the County of Cumberland, Dentist, for an invention for—"Improvements in the manufacture of beds or palates for the reception of artificial teeth." <i>Provisional protection only.</i>
DICEY. 18th December 1861.	3170. WILLIAM DICEY, of Waltham Abbey, in the County of Essex, for an invention for—"Improvements in submarine electric telegraphic cables." <i>Provisional protection only.</i>
PETERSON. 18th December 1861.	3171. ASMUS PETERSEN, of Wittkiel, in Angeln, Duchy of Schleswig, Landowner, for an invention for—"An improved system of drainage and irrigation for meadow and other land." <i>Provisional protection not granted.</i>
HANFF. 18th December 1861.	3172. MORRIS HANFF, of Tottenham Street, Tottenham Court Road, in the County of Middlesex, Fancy Box Maker, for an invention for—"Improvements in the manufacture of boxes and cases." <i>Letters Patent sealed; no specification filed.</i>
PIDDINGTON. 18th December 1861.	3173. JOHN PIDDINGTON, of 52, Gracechurch Street, in the City of London, Patent Agent, for an invention for—"Improved condensing apparatus for steam-engines."— <i>A communication to him from abroad by Wilhelm Winter, of Charlottenburg, near Berlin, in the Kingdom of Prussia.</i> <i>Letters Patent sealed.</i>
THIÉBAUT. 18th December 1861.	3174. JOSEPH THIÉBAUT, of Mile End, in the County of Middlesex, for an invention for—"Improvements in the ornamentation of textile fabrics." <i>Provisional protection only.</i>
SYMONDS. 18th December 1861.	3175. CHARLES EDWARD SYMONDS, of N ^o . 56, Stone's End, in the Borough of Southwark, Oil and Colour Merchant, for an invention for—"Improvements in the treatment and application to various useful purposes of light spirituous liquids." <i>Provisional protection only.</i>
PACE. 18th December 1861.	3176. EDMUND PACE, of the firm of Tylor and Pace, of Queen Street, in the City of London, Manufacturers, for an invention for—"An improved lath for venetian blinds." <i>Provisional protection only.</i>
TAURINES. 18th December 1861.	3177. JEAN MARIE HOSPICE AUGUSTE TAURINES, of Paris, in the French Empire, Constructor, for an invention for—"Improved modes of constructing balances, weigh bridges and other weighing-machines." <i>Letters Patent sealed.</i>
BANNEHR. 18th December 1861.	3178. JAMES BANNEHR, of High Street, Exeter, for an invention for—"Improvements in apparatus for desiccating grain, seeds and other articles." <i>Letters Patent sealed.</i>
PONTIFEX. 18th December 1861.	3179. CHARLES PONTIFEX, of St. Paul's Road, Islington, in the County of Middlesex, and of Shoe Lane, in the City of London, Coppersmith and Vat Maker, for an invention for—"Improvements in refrigerators for cooling worts or other liquors." <i>Letters Patent sealed.</i>
BETTS. 19th December 1861.	3180. WILLIAM BETTS, of Wharf Road, City Road, in the County of Middlesex, Patent Capsule Manufacturer, for an invention for—"Improvements in the manufacture of coverings for the ends of cigars." <i>Letters Patent sealed.</i>
BOURNE. 19th December 1861.	3181. THEODORE BOURNE, of the City and County of New York, State of New York, United States of America, residing at 16, Charlotte Street, Bedford Square, W.C., London, for an invention for—"Improvements in cotton gins."— <i>A communication to him from abroad by Hiram Wilson Brown, of Milville, Cumberland County, State of New Jersey, United States of America, the Inventor.</i> <i>Letters Patent sealed.</i>

TATE. 19th December 1861.	3182. WILLIAM TATE, of Horsley Hill, near South Shields, Durham, for an invention for—"Improvements in armour and in making and applying the same for protecting wood and iron ships of war and batteries." <i>Letters Patent sealed.</i>
STOTT. 19th December 1861.	3183. ELI STOTT, of Ashton-under-Lyne, in the County of Lancaster, Machinist, for an invention for—"Improvements in apparatus used for collecting and removing the waste and dirt which occurs in the process of spinning cotton and other fibrous materials." <i>Letters Patent sealed.</i>
WELLS. 19th December 1861.	3184. JOSEPH HENRY GEORGE WELLS, of 2, Sandhurst Villas, Binfield Road, Stockwell, in the County of Surrey, Civil Engineer, for an invention for—"Improvements in the method of and apparatus for pumping elastic fluids." <i>Letters Patent sealed.</i>
TREUILLE. TRAXLER. 19th December 1861.	3185. ALPHONSE TREUILLE, Doctor Physician, and FRANÇOIS XAVIER TRAXLER, Civil Engineer, both of 29, Boulevard St Martin, Paris, in the Empire of France, and of 53, Chancery Lane, London, for an invention for—"Improvements in the manufacture of paper and card paper or card board, with the object of preventing forgery and alterations in cheques and other documents, and which improvements are also applicable to the manufacture of playing-cards and railway and other tickets."— <i>A communication to them by Mr. Joseph Prosper Olier, sub-director of the General Stamp Works, of Paris, a person resident at 13, Rue de la Banque, Paris.</i> <i>Letters Patent sealed.</i>
MAKIN. 20th December 1861.	3186. WILLIAM MAKIN, of Attercliffe, in the Parish of Sheffield, in the County of York, Steel Manufacturer, for an invention for—"Improvements in apparatus for the manufacture of cast steel mill chisels and other taper tools and files." <i>Provisional protection only.</i>
STANDFIELD. STANDFIELD. 20th December 1861.	3187. JAMES STANDFIELD, of Aylsford, in the County of Kent, Engineer, and JOHN STANDFIELD, of Stratford, in the County of Essex, Engineer, for an invention for—"Improvements in machinery or apparatus for giving motion to ships and machinery and for raising water." <i>Provisional protection only.</i>
SMITH. HIGGS. 20th December 1861.	3188. JOHN SMITH, the younger, of Coven, in the County of Stafford, Engineer and Machinist, and JOHN BIRCH HIGGS, of Coven, aforesaid, Engineer and Machinist, for an invention for—"Improvements in thrashing-machines and in mills for grinding, and in apparatus for raising or moving grain in granaries and other places." <i>Letters Patent sealed.</i>
WILSON. 20th December 1861.	3189. CHARLES EDMUND WILSON, of Monkwell Street, Falcon Square, in the City of London, for an invention for—"Improvements in collars for gentlemen's ladies' and children's wear." <i>Provisional protection only.</i>
EVANS. 20th December 1861.	3190. ORMROD COFFEEN EVANS, of Whitton, in the Parish of Twickenham, and County of Middlesex, for an invention for—"Improvement in sewing-machines." <i>Complete specification; Letters Patent sealed.</i>
WESTWOOD. 20th December 1861.	3191. JOSEPH WESTWOOD, of the London Yard, Poplar, in the County of Middlesex, Ship Builder, for an invention for—"An improvement in the construction of hydraulic presses." <i>Letters Patent sealed.</i>
NIAY. 20th December 1861.	3192. GUSTAVE NIAY, of Faubourg Poissonnière, Paris, in the Empire of France, for an invention for—"An improved method of utilizing bags, wrappers or other similar articles made of paper or other materials and in any form." <i>Provisional protection not granted.</i>
WALKLAND. 20th December 1861.	3193. GEORGE WALKLAND, of Saint Pierre-le-Calais, in the French Empire, Lace Manufacturer, for an invention for—"An improved machine for winding lace or other similar fabrics or tissues on cards or other materials." <i>Letters Patent sealed.</i>
TIPPLE. 20th December 1861.	3194. WILLIAM TIPPLE, of Clarence Place, Gravesend, in the County of Kent, for an invention for—"Improvements in paddle wheels for the propulsion of ships and other navigable vessels." <i>Letters Patent sealed.</i>
D'ALMEIDA. 20th December 1861.	3195. VASCO D'ALMEIDA, of Nottingham Street, Marylebone, in the County of Middlesex, for an invention for—"An improved mode of obtaining coloring matter applicable for dyeing skins, silk, wool and other fibrous materials."— <i>A communication to him from abroad by Edward Smith, of Place Cruzquebrada, in the City of Lisbon.</i> <i>Provisional protection only.</i>

- CLARK.**
20th December 1861. 3196. WILLIAM CLARK, of 53, Chancery Lane, in the County of Middlesex, Engineer and Patent Agent, for an invention for—"Improvements in apparatus for the manufacture of matches."—*A communication to him from abroad by Messrs Francis Lavallée, and Francis Gustave Lavallée, junr, Merchants, of 29, Boulevard St Martin, Paris, in the Empire of France.* Letters Patent sealed.
- REDFERN.**
20th December 1861. 3197. JOHN REDFERN, of Hanley, in the County of Stafford, for an invention for—"Improved apparatus for raising the temperature of air in order to warm churches, conservatories, houses and other buildings or places." Complete specification; Letters Patent sealed.
- BROOMAN.**
20th December 1861. 3198. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"A new or improved method of preparing silk fabrics to be employed in the manufacture of hats, caps and bonnets."—*A communication to him from abroad by Louis Bayard, of Paris, France.* Provisional protection only.
- PEREAU.**
20th December 1861. 3199. EUGENE ETIENNE PEREAU, of Moorgate Street, in the City of London, Merchant, for an invention for—"An improved composition for cleaning and re-vivifying woollen cloths and other fabrics and the colors thereof."—*A communication to him from abroad by Alfred Thomas, of Paris, France.* Letters Patent sealed.
- WAILES.**
20th December 1861. 3200. ROBERT WAILES, of Brighton, in the County of Sussex, Doctor of Medicine, for an invention for—"An improved tool or apparatus for cleaning windows and glasses." Letters Patent sealed.
- GREEN.**
GREEN.
MATHERS.
20th December 1861. 3201. THOMAS GREEN, of Smithfield Iron Works, Leeds, in the County of York, WILLOUGHBY GREEN, of 11, Brunswick Place, Leeds, and ROBERT MATHERS, of Trafalgar Street, Leeds, for an invention for—"Improvements in lawn mowing, rolling and collecting machines." Letters Patent sealed.
- BOUSFIELD.**
20th December 1861. 3202. GEORGE TOMLINSON BOUSFIELD, of Loughborough Park, Brixton, in the County of Surrey, for an invention for—"Improvements in machinery for attaching the soles of boots and shoes to the upper leathers."—*A communication to him from abroad by Simon Smith Bucklin, a person resident at Brookline, Massachusetts, United States of America.* Letters Patent sealed.
- LE SOUËF.**
20th December 1861. 3203. DUDLEY CHARLES LE SOUËF, of Twickenham, in the County of Middlesex, England, for an invention for—"An improvement in cylinders used in printing calicoes and other textile fabrics."—*A communication to him from abroad by Henry Kündig, George Bertschy, and Joseph Porges de Portheim, of Prague, in Austria.* Letters Patent sealed.
- WAKEFIELD.**
21st December 1861. 3204. JOHN WAKEFIELD, of Birmingham, in the County of Warwick, Machinist, for an invention for—"Improvements in sewing-machines." Provisional protection only.
- MORRIS.**
WEARE.
MONCKTON.
21st December 1861. 3205. TIMOTHY MORRIS, and ROBERT WEARE, both of Birmingham, in the County of Warwick, Electricians, and EDWARD HENRY CRADOCK MONCKTON, of Fineshade, in the County of Northampton, Esquire, for an invention for—"Improvements in submarine and other telegraphic communication and in apparatus connected therewith." Letters Patent sealed.
- BENNETTS.**
21st December 1861. 3206. WILLIAM BENNETTS, of Tuckingmill Camborne, in the County of Cornwall, Engineer, for an invention for—"Improvements in the mechanism required for and in the manufacture and composition of gunpowder." Letters Patent sealed.
- GRIMALDI.**
21st December 1861. 3207. FILIPPO GRIMALDI, of Teramo, Kingdom of Italy, but now residing at 13, Manchester Buildings, Parliament Street, in the County of Middlesex, for an invention for—"Improvements in rotatory steam-boilers." Letters Patent sealed.
- WILLIAMS.**
21st December 1861. 3208. WILLIAM MATTIEU WILLIAMS, of Handsworth, in the County of Stafford, Teacher, for an invention for—"An improvement or improvements in treating coal and other bituminous minerals and peat in order to obtain solid and liquid hydrocarbons therefrom, and in apparatus to be used for that purpose." Letters Patent sealed.
- ALLCHIN.**
ALLCHIN.
21st December 1861. 3209. WILLIAM LOADER ALLCHIN, and WILLIAM ALLCHIN, of the Globe Works, Northampton, in the County of Northampton, Engineers, for an invention for—"Improvements in apparatus applicable to the superheating of steam." Letters Patent sealed.

MILES. 21st December 1861.	3210. WILLIAM CHARLES MILES, of Railway Place, Shoreditch, in the County of Middlesex, Lamp Manufacturer, for an invention for—"Improvements in lamp glasses for lamps burning paraffine and other light mineral oils." <i>Provisional protection only.</i>
SELBY. 21st December 1861.	3211. FRASER SELBY, of Surbiton, in the County of Surrey, Engineer, for an invention for—"Improvements in boilers for the generation of steam, in engines for applying steam for motive-power purposes, and in wheels and ways for steam carriages to run on." <i>Letters Patent sealed.</i>
KEMPE. 21st December 1861.	3212. WILLIAM KEMPE, of Holbeck Mills, Leeds, for an invention for—"Improvements in scays or tables applicable to gig mills, brushing mills and other like machinery." <i>Letters Patent sealed.</i>
OSMAN. 21st December 1861.	3213. CHARLES OSMAN, of Chrysell Road, Brixton, in the County of Surrey, for an invention for—"Improvements in the manufacture and application of elastic or yielding surfaces for sitting, lying or reclining upon." <i>Provisional protection only.</i>
JOHNSON. 24th December 1861.	3214. JOHN HENRY JOHNSON, of 47, Lincoln's Inn Fields, in the County of Middlesex, and of 166, Buchanan Street, in the City of Glasgow, North Britain, Gentleman, for an invention for—"Improvements in apparatus for cleaning wheat and other grain."— <i>A communication to him from abroad by Jean Pierre Fili, of Paris, in the Empire of France, Machinist.</i> <i>Letters Patent sealed.</i>
BODMER. 24th December 1861.	3215. LOUIS RUDOLPH BODMER, of N ^o . 2, Thavies Inn, Holborn, in the City of London, for an invention for—"Improvements in looms for the manufacture of sacks, knapsacks, mattress cases and other goods."— <i>A communication to him from abroad by Charles Hippolyte Tessier, of Paris, in the French Empire, Gentleman.</i> <i>Letters Patent sealed.</i>
SMITH. 24th December 1861.	3216. CHARLOTTE SMITH, Wife of Jabez Smith, of Bedford, in the County of Bedford, Merchant, for an invention for—"Improvements in stays." <i>Letters Patent sealed.</i>
ROSINDELL. 24th December 1861.	3217. JOHN ROSINDELL, of Mile End, in the County of Middlesex, Brewer, for an invention for—"An improved method of and apparatus for separating solid from liquid substances." <i>Letters Patent sealed.</i>
SMITH. 24th December 1861.	3218. CHARLOTTE SMITH, Wife of Jabez Smith, of Bedford, in the County of Bedford, Merchant, for an invention for—"Improvements in stays." <i>Letters Patent sealed.</i>
EDE. 24th December 1861.	3219. EDWARD EDE, of 7, Abercorn Mews, Violet Hill, St. John's Wood, in the County of Middlesex, Smith and Farrier, for an invention for—"Improvements in the construction of horse shoes." <i>Provisional protection only.</i>
* HARVEY. 24th December 1861.	3220. JOHN FRANCIS HARVEY, of 145, Strand, in the County of Middlesex, Manufacturer, for an invention for—"Improvements in umbrellas and parasols." <i>Letters Patent sealed.</i>
NEWTON. 24th December 1861.	3221. ALFRED VINCENT NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Mechanical Draughtsman, for an invention for—"Improved means for reducing the friction and wear of slide valves of steam-engines."— <i>A communication to him from abroad by Andrew Buchanan, of Jersey City, State of New Jersey, United States of America.</i> <i>Letters Patent sealed.</i>
VICKERS. 24th December 1861.	3222. THOMAS EDWARD VICKERS, of Sheffield, in the County of York, Steel Manufacturer, for an invention for—"Improvements in the wheels of railway engines and carriages, and in the machinery or apparatus to be used in making the same." <i>Letters Patent sealed.</i>
SAMPSON. 24th December 1861.	3223. EWARD BARNARD SAMPSON, of Ham Mills, Stroud, in the County of Gloucester, for an invention for—"Improvements in apparatus for drying wool and other fibres and substances." <i>Letters Patent sealed.</i>
WOOD. 24th December 1861.	3224. JOHN BLAND WOOD, of Broughton, near Manchester, M.D., for an invention for—"Improvements in the manufacture of driving straps or bands, the backs of wire cards, and cop tubes." <i>Provisional protection only.</i>
LAURENT. CASTHELAZ. 24th December 1861.	3225. FRANCOIS LAURENT, and JOHN CASTHELAZ, of N ^o . 19, Rue S ^e Croix de la Bretonnerie, Paris, Chemists, for an invention for—"Improvements in the manufacture of coloring matters." <i>Letters Patent sealed.</i>

- COCHRANE.
24th December 1861. 3226. JOHN COCHRANE, of the Woodside Iron Works, Dudley, Engineer and Iron founder, for an invention for—"Improvements in apparatus employed in sinking cylinders and open coffer for forming foundations under water."—*Letters Patent sealed.*
- BIRKBECK.
24th December 1861. 3227. GEORGE HENRY BIRKBECK, of the firm of Tongue & Birkbeck, of 34, Southampton Buildings, Chancery Lane, in the County of Middlesex, Patent Agents and Engineers, for an invention for—"Improvements in the arrangement of traction and connecting apparatus for railway carriages and trains."—*A communication to him from abroad by M. Claude Arnoux, Engineer, of Paris, in the Empire of France.*
Letters Patent sealed.
- SIMMONS.
TIMMINS.
26th December 1861. 3228. THOMAS SIMMONS, Doctor of Medicine, of Birmingham, in the County of Warwick, and THOMAS TIMMINS, General Caster, also of Birmingham, aforesaid, for an invention for—"Certain improvements in urns or vessels for holding and supplying hot water, tea, coffee or other liquids separately or conjointly, as also in the stands for the same."—*Letters Patent sealed.*
- JONES.
26th December 1861. 3229. JABEZ JONES, of Liverpool, in the County of Lancaster, Lead Merchant, for an invention for—"Improvements in the manufacture of lead, tin and other metals or amalgamation of metals of a like nature fusible at a low temperature, into sheets of any thickness or length, and in the apparatus connected therewith."—*Letters Patent sealed.*
- STANDING.
26th December 1861. 3230. THOMAS STANDING, of Preston, in the County of Lancaster, Iron Monger for an invention for—"Improvements in cinder sifters and ash receptacles applicable to domestic fire grates."—*Letters Patent sealed.*
- JAULIN.
26th December 1861. 3231. LOUIS JULIEN JAULIN, Musical Instruments Manufacturer, of 2, Rue S^{te} Appoline, Paris, France, & of 4, South Street, Finsbury, London, for an invention for—"An improved wind musical instrument."—*Provisional protection only.*
- SCHLOSS.
26th December 1861. 3232. JOSEPH SCHLOSS, of Cannon Street, in the City of London, Merchant, for an invention for—"Improvements in envelopes for containing photographic portraits and pictures."—*A communication to him from abroad by Simeon Schloss, of Paris, France.*
Provisional protection only.
- BURNIER.
26th December 1861. 3233. NICOLAS ALPHONSE BURNIER, of Lyons, in the Empire of France, for an invention for—"Improvements in the manufacture of lace."—*Provisional protection NOT granted.*
- SHEPHERD.
26th December 1861. 3234. JAMES SHEPHERD, of the City of Manchester, in the County of Lancaster, Engineer, for an invention for—"Improvements in apparatus for cleansing steam-boilers."—*Letters Patent sealed.*
- NEEDHAM.
26th December 1861. 3235. RICHARD NEEDHAM, of Dukinfield, in the County of Chester, Engineer, for an invention for—"Improvements in apparatus for cleansing steam-boilers and lubricating the pistons of steam-engines, and for an improved steam trap."—*Letters Patent sealed.*
- DAWES.
26th December 1861. 3236. HENRY DAWES, of Sale Green, Sale Moor, near Manchester, in the County of Chester, Gentleman, for an invention for—"Improvements in the method of treating steel for the manufacture of crinoline."—*Provisional protection only.*
- PALMER.
26th December 1861. 3237. JOSEPH NOTTINGHAM PALMER, of Fenchurch Street, in the City of London, for an invention for—"Improvements in cooking stoves and ships' ranges."—*A communication to him from abroad by John Russell, resident at Sydney, New South Wales.*
Letters Patent sealed.
- HAWKSWORTH.
27th December 1861. 3238. WILLIAM HAWKSWORTH, of Oldham, in the County of Lancaster, Machine Maker, for an invention for—"Certain improvements in carding-engines."—*Letters Patent sealed.*
- SILVER.
27th December 1861. 3239. THOMAS SILVER, of Philadelphia, U.S., Gentleman, for an invention for—"Improvements in apparatus for governing or regulating the speed of steam and other engines."—*Letters Patent sealed.*
- TURNER.
GIBSON.
27th December 1861. 3240. WILLIAM TURNER, and JOHN WILLIAM GIBSON, of Hammersmith, in the County of Dublin, Engineers, for an invention for—"Improvements in rolling bridges."—*Letters Patent sealed.*
- DE
FONTAINEMOREAU.
27th December 1861. 3241. PETER ARMAND LE COMTE DE FONTAINEMOREAU, of N^o. 4, South Street, Finsbury, London, Patent Agent, for an invention for—"Improvements in treating fatty and resinous bodies either in a neutral or acid state."—*A communication from Charles Moinier, a person resident at S^t Ouen, Paris.*
Letters Patent sealed.

BRIGHT. 27th December 1861.	3242. THOMAS BRIGHT, of the Old Foundry, Carmarthen, for an invention for—"Improvements in machinery for cutting hay, straw and other vegetable substances." <i>Letters Patent sealed.</i>
ATLEE. 27th December 1861.	3243. THOMAS WILLIAM ATLEE, Druggists' Factor, of Birmingham, in the County of Warwick, for an invention for—"Certain improvements in cocks or taps for drawing off fluids." <i>Letters Patent sealed.</i>
NEWTON. 27th December 1861.	3244. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in steam generators."— <i>A communication to him from abroad by Rafael Rafael, of the City of New York, United States of America.</i> <i>Provisional protection only.</i>
M ^C INTYRE. 27th December 1861.	3245. JAMES M ^C INTYRE, of the City and State of New York, United States of America, for an invention for—"Improvements in bomb shells and similar projectiles." <i>Letters Patent sealed.</i>
BROOMAN. 27th December 1861.	3246. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in steam generators and in fire bars employed therein."— <i>A communication to him from abroad by Alexandre Friedmann and Emile d'Erlanger, both of Paris, France.</i> — <i>Letters Patent sealed.</i>
FAJOLE. AGOSTINI. 27th December 1861.	3247. JEAN JOSEPH HECTOR FAJOLE, of Courbevoie, in the French Empire, Gentleman, and PASCAL ACHILLE AGOSTINI, of the same place, Doctor of Medicine, for an invention for—"An improved composition or improved compositions suitable for painting, varnishing and coating." <i>Provisional protection only.</i>
HARLAND. 28th December 1861.	3248. JOHN WHITFIELD HARLAND, of Chorlton-on-Medlock, near the City of Manchester, Artist and Engraver on Wood, for an invention for—"An improvement or improvements in the manufacture of wood and other types or substitutes therefor or furniture used by letter press printers." <i>Provisional protection only.</i>
LORD. 28th December 1861.	3249. EDWARD LORD, of Todmorden, in the County of York, Machine Maker, for an invention for—"Certain improvements in machinery for preparing cotton and other fibrous substances." <i>Letters Patent sealed.</i>
WARNER. 28th December 1861.	3250. ARTHUR WARNER, of Threadneedle Street, in the City of London, for an invention for—"Improvements in the manufacture of cases or receptacles for oil, fuses and other articles used in the military and naval services." <i>Letters Patent sealed.</i>
HENRY. 28th December 1861.	3251. MICHAEL HENRY, of 84, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in fire-arms and in adapting bayonets or cutting or piercing weapons thereto."— <i>A communication to him from abroad by Mathieu Louis Michel Descoutures, of 33, Boulevard Saint Martin, Paris, France.</i> <i>Complete specification; Letters Patent sealed.</i>
DORMAY. AIKENHEAD. JOHNSON. 30th December 1861.	3252. JOHN PETER DORMAY, of Wandsworth, in the County of Surrey, JAMES SHIRLEY AIKENHEAD, of the same place, Boat builder, and THOMAS JOHNSON, of the same place, Boat builder, for an invention for—"Improvements in the construction of boats for sailing or rowing." <i>Letters Patent sealed.</i>
EDWARDS. 30th December 1861.	3253. JOHN EDWARDS, of 77, Aldermanbury, in the City of London, for an invention for—"Improvements in the permanent way of railways." <i>Provisional protection only.</i>
TOLHAUSEN. 30th December 1861.	3254. FREDERICK TOLHAUSEN, Civil Engineer and Patent Agent, of N ^o . 35, Boulevard Bonne Nouvelle, Paris, in the Empire of France, for an invention for—"Improvements in machines for reaping, gathering and binding harvest produce."— <i>A communication from Philippe Durand, Esq., a person resident at N^o. 35, Boulevard Bonne Nouvelle, Paris.</i> <i>Provisional protection not granted.</i>
GORTON. HENDERSON. 30th December 1861.	3255. JAMES GORTON, of Park House, in the Parish of Gateshead, and County of Durham, Manufacturer, and BARTHOLOMEW HENDERSON, of the South Shore, Gateshead, in the County of Durham, aforesaid, Engineer, for an invention for—"Improvements in the manufacture of ropes." <i>Letters Patent sealed.</i>
BIRKBECK. 30th December 1861.	3256. GEORGE HENRY BIRKBECK, of the firm of Tongue & Birkbeck, of 34, Southampton Buildings, Chancery Lane, in the County of Middlesex, Patent Agents and Engineers, for an invention for—"Improvements in apparatus for raising or forcing water or other fluids."— <i>A communication to him from abroad by M^r Edward Bruce Boughton Barker, H.B.M. Consul, at Samsoun & Sinope, Black Sea.</i> <i>Letters Patent sealed.</i>

- NEWTON.
30th December 1861. 3257. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improvements in the manufacture of cube sugar."—*A communication to him from abroad by Gustavus Finken, of Brooklyn, Kings County, State of New York, United States of America.*
Letters Patent sealed.
- PAYNE.
30th December 1861. 3258. JOHN BELLAMY PAYNE, of Chard, in the County of Somerset, Engineer, and lace manufacturer, for an invention for—"Improved machinery for the manufacture of laid and other twine, lines, ropes, bands and other cordage whether made of hemp, flax or other fibrous substances or of wire."
Letters Patent sealed.
- AUSTEN.
30th December 1861. 3259. ALEXANDER ISAAC AUSTEN, of Millwall, in the County of Middlesex, Candle Manufacturer, for an invention for—"Improvements in the manufacture of night lights."
Provisional protection only.
- TONGUE.
31st December 1861. 3260. WILLIAM TONGUE, of Chryssell Road, Brixton, in the County of Surrey, Engineer, for an invention for—"Improvements in the manufacture of certain descriptions of woven, looped and bobbin net fabrics, by the application of certain fibrous materials thereto."
Letters Patent sealed.
- MACNAIR.
31st December 1861. 3261. ANDREW MACNAIR, of 34, Southampton Buildings, Chancery Lane, in the County of Middlesex, for an invention for—"Improvements in axle boxes for railway carriages."—*A communication to him from abroad by Davis Dotterer, of Chicago, Illinois, United States of America.*
Provisional protection only.
- TONGUE.
31st December 1861. 3262. WILLIAM TONGUE, of Chryssell Road, Brixton, in the County of Surrey, Engineer, for an invention for—"Improvements in the manufacture of umbrellas and parasols."
Letters Patent sealed.
- GREEN.
GREEN.
MATHERS.
31st December 1861. 3263. THOMAS GREEN, and WILLOUGHBY GREEN, both of Smithfield Iron Works, in Leeds, in the County of York, and ROBERT MATHERS, of Trafalgar Street, in Leeds, aforesaid, Engineer, for an invention for—"Improvements in chains for giving motion to chain wheels and in giving motion to machinery."
Letters Patent sealed.
- M'HAFFIE.
31st December 1861. 3264. NEIL M'HAFFIE, of 16, Summer Street, Mile End, Glasgow, for an invention for—"Improvements in ventilators or valves for regulating the passage of air or other fluids whether of a gaseous or liquid form."
Letters Patent sealed.
- PICKFORD.
31st December 1861. 3265. THOMAS PICKFORD, of Fenchurch Street, in the City of London, Merchant, for an invention for—"Improvements in the manufacture of manure."
Provisional protection only.
- TOLHAUSEN.
31st December 1861. 3266. FREDERICK TOLHAUSEN, Civil Engineer and Patent Agent, of N^o. 35, Boulevard Bonne Nouvelle, Paris, in the Empire of France, for an invention for—"A new method and machinery for covering springs used for petticoats and other articles."—*A communication from Antoine Rameau, a person resident at N^o. 35, Boulevard Bonne Nouvelle, Paris, in the Empire of France.*
Provisional protection only.
- SPENCE.
31st December 1861. 3267. WILLIAM SPENCE, of 50, Chancery Lane, in the County of Middlesex, Patent Agent, for an invention for—"Improvements in deflectors for lamps."—*A communication to him from abroad by Lemuel Beers, of Newtown Fairfield, in the County and State of Connecticut, United States of America.*
Letters Patent sealed.
- HASLAM.
31st December 1861. 3268. JOHN HASLAM, of Preston, in the County of Lancaster, for an invention for—"Improved apparatus for winding, holding and letting go cords, bands or chains particularly applicable to window-blinds."
Letters Patent sealed.
- BAILEY.
31st December 1861. 3269. WILLIAM HENRY BAILEY, of Salford, in the County of Lancaster, Turret-Clock Maker, for an invention for—"Certain improvements in sewing-machines."
Letters Patent sealed.
- NEWTON.
31st December 1861. 3270. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improved apparatus for obtaining motive-power from explosive compounds."—*A communication to him from abroad by Eugène Barsanti, and Felix Matteucci, of Florence, in the Kingdom of Italy.*
Letters Patent sealed.
- NEWTON.
31st December 1861. 3271. WILLIAM EDWARD NEWTON, of the Office for Patents, 66, Chancery Lane, in the County of Middlesex, Civil Engineer, for an invention for—"Improved apparatus for boring rocks and other mineral substances."—*A communication to him from abroad by Emanuel Lisbet, of N^o. 45, Rue S^t Sebastian, Paris, in the Empire of France.*
Letters Patent sealed.

TIPHAGNE. DELBOSQUE. 31st December 1861.	3272. EUGÈNE TIPHAGNE, of 71, Rue des Marais Saint Martin, Paris, in the Empire of France, and DOMINIQUE DELBOSQUE, of Nogent-sur-Marne, in the same Empire of France, for an invention for—"An improvement in advertisements." <i>Provisional protection NOT granted.</i>
CRETAL. 31st December 1861.	3273. JEAN BAPTISTE CRETAL, of Saint Malo, in the Empire of France, Manufacturer, for an invention for—"A new process for colouring smoking pipes." <i>Provisional protection only.</i>
HUGHES. 31st December 1861.	3274. EDWARD THOMAS HUGHES, of the firm of Hughes and Son, Patent Agents, 123, Chancery Lane, London, for an invention for—"Improvements in saddles."— <i>A communication to him from abroad by John Bloodgood Peck, of Yonkers, in the County of Westchester, and State of New York, and Thomas Bloodgood Peck, of New York, United States of America.</i> <i>Letters Patent sealed.</i>
BROOMAN. 31st December 1861.	3275. RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, for an invention for—"Improvements in revivifying animal black or charcoal, in collecting ammoniacal gases generated in the revivification, in the clarification of saccharine liquors, and in apparatus employed in the revivification of the black, and in the filtering of saccharine liquors."— <i>A communication to him from abroad by Absalon Hippolyte Leplay, and Jules François Joseph Cuisinier, both of Paris, France.</i> <i>Letters Patent sealed.</i>
EDWARD. EDWARD. 31st December 1861.	3276. ALEXANDER EDWARD, and JAMES EDWARD, of Dundee, in the County of Forfar, North Britain, Spinners, for an invention for—"Improvements in machinery or apparatus for spinning fibrous materials." <i>Letters Patent sealed.</i>

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